

# ANNUAL REPORT

## 1957-58

[From 1st June, 1957 to 31st May, 1958]



UNIVERSITY OF CALCUTTA



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## ANNUAL REPORT

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*Vice-Chancellor*—Sri Satischandra Ghosh, M.A., Treasurer, was appointed to exercise the powers and perform the duties of the Vice-Chancellor during the temporary absence of the Vice-Chancellor from India from 26th July, to 10th August, 1957 and also during the period of his appointment as a member of the Pay Commission, set up by the Government of India.

*Emeritus Professor*—Prof. Satyendranath Bose, D.Sc., F.R.S., F.N.I., was recommended for appointment as Emeritus Professor of Physics with effect from the date of his retirement from the University in recognition of his eminent services to Science and to this University.

*Condolence*—The University condoled the death of Dr. Praphullachandra Mitter, M.A., Ph.D., F.N.I., who was Sir Rashbehary Ghose Professor of Chemistry from 1914-1937, Palit Professor of Chemistry from 1937-1946, a member of the Senate from 1917-1952 and a member of the Syndicate from 1947 to 1949;

Sri Birendranath Ghosh, F.R.F.P.S. (Glas.), L.M. (Dub.), F.R.S.E., Head of the Department of Pharmacology, R. G. Kar Medical College;

Dr. Adityanath Mukherjee, M.A., Ph.D., a member of the Senate and Syndicate under Calcutta University Act, 1904 and Ex-George V Professor of Mental and Moral Philosophy and Ex-Registrar of this University;

Maulana Abul Kalam Azad, Minister of Education and Scientific Researches, Government of India;

Sri Manaskumar Raychaudhuri, M.B.B.S., F.R.C.S., an eminent Surgeon and an able teacher in Experimental Surgery of the University College of Medicine;

Dr. Jadunath Sarkar, M.A., D.Litt., Ex-Vice-Chancellor of the University and an eminent historian;

Dr. Hemchandra Raychaudhuri who had been a Professor of Ancient Indian History and Culture in the University College of Arts for many years;

Sri Sachindranath Banerjee who was a member of the Senate from 1950-1954;

Sri Panchanan Sinha, Ex-Principal, Asutosh College;

Sri Ramaprasad Dasgupta—Lecturer in the Department of History;

Sri Rohini Chaudhuri—Lecturer in the Department of Economics;

Sri Amarendranath Tarkatirtha—Lecturer in the Department of Sanskrit;

Sri Amarendranath Ray—Secretary, Bengali Publication Department;

Sri Haranchandra Chakladar who was a Lecturer in the Department of Ancient Indian History and Culture.

*Felicitations*—Felicitations were offered to the members of the Football, Waterpolo and Swimming teams of this University for their success in Inter-Varsity tournaments, 1957.

The Vice-Chancellor offered felicitations to the members of the Syndicate who met for the first time after the 2nd general election under the New Act.

Receptions were accorded by the Syndicate to Prof. S. N. Bose and Prof. S. K. Mitra for the valuable services rendered by them to the University.

Felicitations were offered to Dr. Subodh Mitra, Dean of the Faculty of Medicine and Member of the Syndicate on his being invited to a lecture tour in the U.S.A. as a Rockefeller Foundation Fellow.

Felicitations were offered to Dr. Humayun Z. A. Kabir, on his appointment as Minister of State for Cultural Relations and Scientific Research.

The University offered felicitations to Dr. Triguna Sen on his election as Mayor of Calcutta, Prof. Niharrajan Ray on his election to Rajya Sava, Sri Sankardas Banerjee on his election as Speaker of the West Bengal Legislative Assembly, Sri Tripurari Chakrabarti, Reader in the Department of History, on his election to the West Bengal Legislative Council, Dr. Atindranath Bose, Lecturer in the Department of History, on his election to the Rajya Sava.

Felicitations and Good wishes were offered to Prof. S. N. Bose and Prof. S. K. Mitra on their election to the Royal Society.

*Good wishes and Congratulations*—A message of good wishes was sent to the Hony. Secretary, British Student Health Officers' Association, Leeds University, on the occasion of its 9th Conference held at Cardiff.

Good wishes were conveyed to the President, the Trustees and Faculties of Waseda University, Tokyo, Japan on the occasion of the 75th Anniversary of the foundation of the University

Good wishes were conveyed to the 2nd British Empire and Commonwealth Conference on Physical Education held under the auspices of the U.K. Committee for International Conference on Physical Education, at Barny, Glamargon, Wales.

A message of good will was sent to the Secretary, Royal Society of Health, London, on the occasion of the Annual Health Congress held at Eastbourne.

Good wishes were sent to the 9th International Botanical Congress held at the Universities of Montreal and McGill Montreal.

A message of good will was conveyed to this University on the occasion of the Republic Day by the Leningrad University which was acknowledged with thanks.

Good wishes were conveyed to the 7th International Congress of Classical Archaeology held at Rome.

*Members of the Senate*—The Second Election according to the Act, 1951 was held on 17th July, 1958 and the Senate was reconstituted with effect from that date. The election of the different Bodies were held according to the following programme:—

Senate on 17th July, 1957.

Academic Council on 20th August, 1957.

Faculties on 31st August, 1957 and 21st September, 1957.

Syndicate on 9th December, 1957.

Their Constitutions are given in the Appendix.

*Administration*—Sri Jagadiswar Pal, M.A., LL.B., was appointed Estate and Development Officer on a salary of Rs. 250 per month in the grade of Rs. 250-25-500.

The term of appointment of Dr. Amarprasad Dasgupta, M.A., Ph.D., University Inspector of Colleges was extended for a further period of one year with effect from 1st February, 1957.

The term of appointment of Sri Debaprasad Ghosh, M.A., Curator, Asutosh Museum was extended for a further period of one year with effect from 1st April, 1958.

Dr. Dhukhalaharan Chakravarti, D.Sc., F.N.I., Registrar was granted leave on deputation for 4 months from 18th March, 1958 for studying the Organisational and administrative set up of the Universities at U.S.A.

Sri Jogeschandra Mukherjee, B.A., B.T., Assistant Registrar, carried on the current duties of the Registrar during his absence on deputation.

The term of appointment of Dr. Nareschandra Ray, M.A., Ph.D., Controller of Examinations was extended for a further period of one year with effect from 1st June, 1958.

Services of Sri Arddhendulal Roy, M.B., D.P.H., D.I.H., Deputy Director of Health Services were placed at the disposal of the University by Government of West Bengal to act as the Medical Adviser to the University.

*University Professors*—Prof. Jnanendralal Bhaduri, D.Sc. (Edin.), F.N.I., F.A.S., F.Z.S.I., was confirmed in his post of the Professor of Zoology from 1st June, 1957.

Dr. Satisranjan Khastgir, Ph.D., D.Sc., was appointed Guruprasad Singh Professor of Physics with effect from the date he would join the post.

Dr. Subodhnath Bagchi, D.Sc., was appointed Professor of Chemical Physics with effect from 14th February, 1958.

*Professors and Lecturers invited by different Bodies in India and abroad and their activities—*

Dr. Subodh Mitra, M.B. (Cal.), M.D. (Berlin), F.R.C.S. (Edin.), F.R.C.O.G. (Lond.), F.N.I., Dean of the Faculty of Medicine and Member of the Syndicate was invited to a lecture tour in the U.S.A. as a Rockefeller Foundation Fellow.

Prof. Bireschandra Guha, M.Sc., Ph.D., D.Sc., F.N.I., was invited by the General Secretary, 4th International Congress of Bio-chemistry to attend the Congress to be held at Vienna as a representative of this University.

Prof. Pabitrakumar Sen, M.Sc., Ph.D. (Lond.), went to China to attend the May Day Celebration, 1958, as a member of the India-China Friendship Association Delegation.

Prof. Kshitiprasad Chattopadhyay, M.Sc. (Cantab.) was invited to take up the work of supervision and conduct of the Scheme 'the Social and Cultural Factors affecting Productivity in Industry' in the Centre as a consultant.

Prof. Bireschandra Guha, M.Sc., Ph.D., D.Sc., F.N.I. was invited to serve on the Committee to be known as the Vegetable Oil Products Technical Committee to advise the Vegetable Oil Products Controller for India.

Prof. Suhritchandra Mitra, M.A., D.Phil. (Leipzig) was invited to work as a member of the Sub-Committee of the Mental Health Advisory Committee under Indian Council of Medical Research.

Dr. K. P. Chattopadhyay, M.Sc. (Cantab.) was invited to attend the 18th International Congress of Sociology at Nuremberg, West Germany.

Prof. Sivaprasad Chatterjee, M.Sc., Ph.D., T.D., D.Lit., was invited by the Government of India, Ministry of Education and Scientific Research to serve as a specialist member on the Advisory Board for revision of District Gazetteers.

Dr. Rashbehari Das, M.A., Ph.D., Lecturer in Philosophy was invited to attend as a representative of India, on East-West Conference of Philosophers held in Australia.

Sri Tarakchandra Das, M.A., Reader in Anthropology, was invited to serve on the Central Advisory Board of Anthropology as a nominee of the Government of West Bengal.

Sri Nirmalkumar Bose, M.Sc., Reader in Geography was invited to serve on the Central Advisory Board of Anthropology, as a nominee from the Indian Science Congress Constituency.

Prof. P. K. Sen was nominated to attend the All India Seminar on Irrigation Practices at Delhi.

*Special Lecturers and Readers appointed*—Dr. Bhupeshchandra Dasgupta, M.B., D.P.H., was appointed Basanta Lecturer for 1957.

Sri Jogeschaundra Bagal was appointed Vidyasagar Lecturer for 1958 to deliver a course of at least Five lectures in Bengali on the life and work of Vidyasagar or on his contribution to and influence thereof on the Bengali Language and Social reform.

Dr. P. K. Bose, D.Sc., F.N.I. (of the Bose Institute, Calcutta) was appointed Taraprasad Khaitan Lecturer for 1957.

Sri A.A.A. Fyze, M.A., Barrister-at-Law, Vice-Chancellor, Jammu and Kashmir University, was appointed Sir Charuchandra Lecturer for 1957 to deliver a course of at least three lectures on legal topics of current and perennial interest.

Prof. P. B. Sarkar was appointed Adharchandra Mookerjee Lecturer in Science for the year 1957.

Dr. Kedareshwar Banerjee, D.Sc., was appointed Prof. B. B. Roy Memorial Lecturer for 1957.

Sri Buddhadeb Basu, M.A., was appointed Saratchandra Chatterjee Memorial Lecturer for 1957.

Sri Abindra Chaudhuri was appointed Girishchandra Lecturer for 1957.

The Hon'ble Mr. U. Nu, Prime Minister of the Union of Burma was appointed Kamala Lecturer for 1943 to deliver at least three lectures on a subject connected with Buddhism.

Dr. Dharendra Nath Sen, M.A., Ph.D. was appointed Ramananda Lecturer for 1957 to deliver a course of lectures on a subject connected with Civil Liberties.

Prof. Bireschandra Guha was appointed Principal Khudiram Basu Memorial Lecturer for 1958.

Sri Asokbijay Raha, M.A., was appointed Hirankumar Basu Lecturer for 1958.

*Extension Lecturers*—Prof. E. G. Richardson, B.A., D.Sc., Department of Physics, King's College, New Castle on Tyne, England, was invited to deliver a course of lectures.

Prof. M. H. Fisch, Head of the Department of Philosophy, University of Illinois was invited to deliver two lectures.

Dr. J. H. Quastel, F.R.S., Professor of Bio-chemistry, McGill University, Montreal was invited to deliver one or two lectures at the Department of Applied Chemistry.

Prof. Phillips Bradley of the Department of Political Science, Syracuse University, U.S.A. was invited to deliver two lectures.

Dr. D. P. Chatterjee was invited to deliver a special course of lectures at the Department of Applied Chemistry.

Prof. Fanconi, Head of the University Children Clinic, Zurich and Secretary-General of the International Pediatric Association was invited to deliver lectures at the Department of Child Health of the University College of Medicine.

Dr. Frederic H. Young, Associate Professor of Philosophy in New Jersey State Teachers' College was invited to be associated with this University as a visiting Professor under the Fulbright programme.

Prof. K. V. Thimann of Harvard University, U.S.A. delivered a course of lectures and presided over a seminar in Plant Physiology in the Department of Botany.

Prof. Joseph Somogyi, Ph.D., D.Sc., a Hungarian Scholar was invited to deliver a course of Lectures in this University.

Dr. Stanley P. Reimann, Director of the Institute for Cancer Research and the Laubman Hospital Research Institute, Philadelphia, was invited to deliver a course of lectures.

#### *Special Medals and Prizes—*

*Jagattarini Gold Medal for the year 1957* was awarded to Sri Kumudranjan Mallik.

*Sir Asutosh Mookerjee Medal, 1950* was awarded to Prof. Makhanlal Raychaudhuri.

*Sir Devaprasad Sarbadhikari Gold Medal for 1957* was awarded to Prof. P. C. Mahalanabis.

*Coates Medal for the year 1955* was awarded to Dr. P. C. Sen Gupta for his best contribution to Medical Science during the last seven years.

*Maharaja Sir J. M. Tagore Medals for 1939* were awarded to Sri P. G. Ghosh and Sri Manoranjan Basu.

*Omauth Nauth Deb Research Prize* for promotion of researches in Law for the year 1953 was awarded to Sri Asimkumar Datta.

*Saratchandra Chatterjee Memorial Prize and Medal for 1957* were awarded to Sri Bibhutibhushan Mukherjee as the best writer of fiction in Bengali (in respect of the book 'Kanchan-mulya').

*Zainul Abedin Gold Medal for 1955* was awarded to Sri Abdus Sovan Khan for public lecture on "Fyzee as a poet".

*Lila Prize for the year 1958* was awarded to Sm. Lila Majumdar as the best writress of fiction in Bengali (in respect of the book "Halde Pakhir Palak").

*Research Scholarships & Fellowships, etc.—*

*Biharilal Mandukini Scholarships for the year 1957* was awarded to Sri Santinoy Basu, M.Sc. (Tech.), in order to enable him to carry on research on 'Radio-Astronomy'.

*Jnanendramohan Sen Scholarships for 1957* were awarded to each of the following candidates to carry on research on the subjects noted against each:

Name	Subject of Research
1. Sri Gaurmohan Banerjee ...	The Philosophy of Education of John Dewey—A Critical study.
2. Sri Kamalkumar Mukherjee ...	A study of the problem of retardation (scholastic backwardness) among students of Class VI in Secondary Schools of Calcutta.
3. Sri Tulsicharan Ghoshal ...	Evolution of curriculum in the Secondary Schools of Bengal and its present tendencies.
4. Sm. Manjari Dasgupta ...	Characteristic responses of Children on Word Association Test.

*Sarala Sen Scholarship for 1957* was awarded to Sm. Sadhana Bhattacharyya in order to enable her to carry on research on "Teacher Education in West Bengal".

*Guruprasanna Ghosh Scholarship for 1957* was awarded to Dr. Sitesendranath Ray to carry on Research in Neurophysiology and Electro-encephphotography in the Montreal Neurological Institute, Canada.

*Ramcharan Mitra Scholarship* was awarded to Sri Saileswar Mallik to enable him to carry on his studies in Electrical Engineering at the Indian Institute of Technology, Khargpur.

*Sir J. C. Bose Fellowship* was awarded to Sri Jyotirmay Dutt.

*Sibley Scholarship in Civil Engineering for the year 1951* was awarded to Sri Srikumar Ghosh in order to enable him to prosecute his studies in Concrete Technology and another in Electrical Engineering was awarded to Sri Subinoy Majumdar to have a sound training in Generation of Power.

*Radhikamohan Educational Scholarship for 1957* was awarded to Sri Sulendrakrishna Chakrabarti.

*P.R.S. in Letters for the year 1955* of half the value each, was awarded to Rabindrakumar Bhattacharyya and Chittaranjan Ghosh.

*Bipradas Palchaudhuri Fellowship for the year 1958* was awarded to Dr. Miss Elfriede Harrer, D.Phil.

*Ramcharan Mitra Scholarship for the year 1957* was awarded to Benoykrishna Hazra and Sibkumar Pal.

*Sir Rashbehary Ghose Travelling Fellowships in Arts & Science for the year 1958* was awarded to the undermentioned candidates in order to enable them to prosecute advanced study and research in the subjects stated against their names:

#### Arts

Prof. Makhanlal Raychaudhuri ... 'Survival of Indian Culture in Iran during the mediaeval age'.

#### Science

1. Dr. Binendrakumar Chakrabarti 'Theory and mechanism of high crafting at the Leeds University and also visiting certain other parts.'
2. Dr. Kalidas Lahiri ... 'Studying the method of Post-Graduate Teaching in Dermatology at the Universities of Vienna, Munich, Paris and London.'

*Dr. Kamalkrishna Raha Scholarship for 1956* was awarded to Sri Sankarprasad Chatterjee with a view to enabling him to study Aeronautical Engineering at the Institute Technology, Chrompet, Madras.

*Taraknath Palit Foreign Scholarship for the year 1958* was awarded to Sri Sudhindranath Bhattacharyya.

*Research Degrees*—The undermentioned scholars were admitted to the various Research Degrees on the recommendation of the Examiners of their theses as mentioned against each:

#### D.Sc.

Name of the candidate	Title of the Thesis
Sri Anil K. Bhattacharyya ...	Studies on the Active Principles of <i>Kopsia Fruticosa</i> <i>Kopsia Albiflora</i> and <i>Skinnaia Laureola</i> .
Sri Dineschandra Biswas ...	Investigations on the Raman Spectra and Fluorescence spectra of Organic Compounds.
Sri Bhupatikumar Banerjee ...	Studies on Glass.



*M.D. Examination, 1957*

Name of the candidate	Title of the Thesis
Sri Dwijendrakumar Bagchi ...	Clinical haematological, bio-chemical and electro-cardiographic observations in uncomplicated cases of cholera and in post choleraic uraemia.
Sri Chittaranjan Maiti ...	The Heart in chronic pulmonary emphysema.

*M.S. Examination, 1957*

Name of the candidate	Title of the Thesis
Sri Udaysaukar Arora ...	Preliminary studies on chronic Filarial Lymphoedema.
Shauki Ali Ashraf ...	Resectional Surgery in the treatment of pulmonary tuberculosis—a study of 50 cases.
Sri Sarojbhushan Basu ...	Histo-Chemical detection of alkaline & acid phosphatase activity in normal and pathological prostates as an aid in the diagnosis.

*M.O. Examination, 1957*

Name of the candidate	Title of the Thesis
Sri Narayan Chaudhuri ...	Study of Homeostasis and Adrenocortical function in Pregnancy and Labour.
Sri Bhabeshchandra Lahiri ...	Study on intravenous infusion of Oxytocin (pitocin) for induction of Labour.
Sri Nagendranath Raychaudhuri ...	Study of the effects of Toxaemias of pregnancy on new born babies.
Sri Pandeyotkumar Khan ...	A study of forceps delivery and its scope in Midwifery (A review of 1230 cases).

*D.Phil. (Science)*

Name of the candidate	Title of the Thesis
Sri Surathkumar Mukherjee ...	Studies in Experimental Diabetes.
Sri Bidyutheban Nath ...	Studies on blood Coagulation by various methods including ion exchange and with particular relation to the role of Calcium ion.
Smt. Maya Guha ...	Construction and Standardisation of an Engineering (Mechanical & Electrical) aptitude test.
Sri Rabindranath Ray ...	Investigation on the Ionosphere.
Sri Dilipkumar Ghosh ...	Investigation on the absorption of ultra high frequency radio waves and Micro waves in polar liquids.
Sri Santoshkumar Sarkar ...	Cytogenetics of some Angiospermous families and an investigation on the effect of Chemicals on Chromosomes

Name of the candidate	Title of the Thesis
Sri Sudhirranjan Chaudhuri	Investigations on the role of essential fatty acids in <i>Phrynoderma</i> .
Sri Mihirkumar Raychaudhuri	Mineral resources of Madhya Bharat with contributions to Geology of the State.
Sri Satishchandra Saxena	Transport properties of gases.
Sri N. L. Sitaraman	A study of the Anopheline Mosquitoes of some parts of South India, their role in Malaria transmission and behaviour towards residual insecticides.
Sri Bimalkrishna Bhattacharyya	(1) Transient response of pulse Amplifiers and (2) Problems of Electromagnetic Induction and Propagation below the surface of the earth.
Sri Kumarkrishna Chatterjee	Absorption Spectroscopy and bond Character of metal chelates, etc.
Sm. Sovana Dhar	Development and studies on energy response and resolutions Scintillation Counters and their application in measurements of Alpha activity and in gamma ray spectroscopy.
Sri Kantipada Chatterjee	Studies on certain aspects of protein Nutrition.
Sri Gorachand Chatterjee	Studies on the role of lipids in the Coagulation blood.
Sri Arunkumar Saha	Some general and special features of the Conspicuous Regions.
Sri Sasankabhushan Banerjee	Studies on some physical properties of Jute fibre in relation to technology.
Sri Usharanjan Ghatak	Synthesis of alicyclic compounds related to natural products.
Sri Tapadhan Ganguli	Group participation as an effective technic for improving altitude and morale in industrial workers.
Sri Nikhilranjan Ghosh	A study on Alicyclic compounds.
Sm. Anjali Sarkar	Investigations on <i>Gamoderma Lucidum</i> Karst.
Sri Brojendralal Banerjee	Studies on Mechanical Behaviours of some Cellulose Fibers including Jute.
Sri Tarinichandra Bhadra	On the production and absorption of ultra-sonic radiation in liquid media.
Sri Dhirendralal Nandi	On the free Amino-acids, related products and some B vitamin contents of a few leguminous seeds during germination.
Sri Sarojkumar Basu	Ion exchange studies with the help of membrane electrodes.
Sri Kalyanmay Sen	Studies on Carbo Cyclic Compounds.
Sm. Usha Rakshit	Synthesis of Alicyclic compounds.
Sri Amalkumar Ray	Studies on the Mechanism of Action of Vitamin A with special reference to Hyper Vitaminosis A in the body.
Sri V. A. Moghe	Studies in solubilization of water in non-polar solvents by Cationic detergents.

Name of the candidate	Title of the Thesis
Sri Birendrabijay Biswas	A cytochemical and bio-chemical study on Cyanaphycoal with special reference to nucleic acids.
Sri Kartickchandra Ray	Studies on Coagulation and electro-kinetic potential of Colloids.
Sri Sachindrakumar Majumdar	Action on some common bleaching agents and Alkalies on Jute.
Sm. Roma Ghosh	Studies on the Chemical constituents of <i>Alstonia Scholaris</i> .
Mr. J. Xavier	Applications of co-ordination complexes of Organic Theocompound in Analytical Chemistry.
Sri Madho Govind Srivastava	Cytological and Cytotaxonomical Studies in Leguminosae.
Sri Ajitkumar Ghosh	Studies on the electro Kinetic potential of Colloids and pyrex glass.
Sri Ajitkumar Saha	Structural and Petrological studies on the diorites and associated rocks in Eastern Singhbhum and Mayurbhanj.
Sri Paritoshkumar De	Studies on stability and Electro-Kinetic potential of Colloids.
Sri Bireswar Banerjee	Studies on Co-ordination complexes with Organic Ligands.
Sri Dipakkumar Ray	Studies on aspects of Nuclear Magnetic Resonance Phenomena.
Sri Susantakumar Chatterjee	Studies on the hydrolic and related properties of Blast Furnace slag available in India.
Sri Dhurjatiprasad Chattopadhyay	Role of liver in the synthesis of nicotinic acid from tryptophan.
Sri Ramgobinda Chatterjee	An experimental study on the nature of time gap phenomenon in the estimation of short duration in two sense modalities.

#### D.Phil. (Arts)

Name of the candidate	Title of the Thesis
Sri Bimanchandra Bhattacharyya	Rigveda mantras—their original purpose and later application.
Sri Satyendranath Ghoshal	A Literary and Linguistic study of Muslim contributions to Bengali Literature (17th Century).
Sri Arunkumar Mukherjee	Unabinsa Sataker Bangla Gitikavya.
Sri Satyasankar Sengupta	A Mathematical theory of Economics.
Sri Manindrachandra Chaki	On some problems in Riemannian Geometry.
Sri Susilkumar Gupta	The Renaissance of Bengal in the 19th Century.
Sri Yog Datt Wadhwa	Axisymmetric Viscous Flow.
Sm. Pushpa Niyogi	The Economic condition of Northern India from the 10th to 12th Century A.D.
Sm. Eva Mitra	Lamnology in relation to pisciculture and anatomical investigation of some of the Common water plants in India with special reference to their environments.

Name of the candidate	Title of the Thesis
Sri Nagendranath Singh	The Chief of Staff Committee in the Political and Military Mechanism of the Modern States.
Sm. Amita Ray	Villages, Towers and Secular Buildings in Ancient India.
Sm. Amiya Chatterjee	The Constitutional Development in India from 1939-1947.
Sri Taraknath Agarwala	Visaldeo Raso.
Sri Amrita Datta	India's balance of payments in the Post-war period. January, 1946—June 1952.
Sri Jibendrabinode Sinharay	Pramathanath Chandhuri.
Sri Sailajakumar Bhattacharyya	Some fundamentals of the theory of Judgment.
Sri Jatibhendra Sarkar	The Navya Visesika Theism.
Sri Debabrata Sinha	Existentialist outlook in Indian Thought.

*D.Phil. (Medical)*

Name of the candidate	Title of the Thesis
Sri Amiyabikas Chaudhuri	... Histo Chemical observations on some parasitic helminths of man.
Sri Kanailal Mukherjee	... Priochemical Enzymatic studies in under Nutrition.
Sri Praphullakamal Ray	... The Pharmacological action and Therapeutics possibilities of an Active Constituent isolated from Daemia Extence Linn, etc.
Sri Harendranath Ghosh	... Studies on glomerular filtration rate and renal plasmas flow in Health and Disease.
Sri Kallidas Lahiri	... Vitamin A and Vitamin C Nutrition in some Tropical Skin diseases.
Sri Anilchandra* Chatterjee	... The role of ascorbic acid in influencing adrenocortical response to stress.
Sri Rabindranath Sen	... Effect of electrical stimulation of hypothalamus and visceral brain on gastric secretory activity and ulceration.
Sri Jaladhikumar Sarkar	... Alcaligenes faecalis-pathogenic role and its systematic study.
Sri Dhirendranath Nandi	... Studies on the Biochemical and Haematological changes produced by electric convulsion therapy in patients suffering from mental disorder.
Sri Kalipada Sengupta	... Some outstanding problems related to Infantile and Achelt Cirrhosis.
Sri Somnath Ray	... Studies on the Nature and Pathways of action of the Adrogens on the Adrenal Cortex and the thyroid.

*Research Activities*—Details regarding the researches made during the period under review by the teachers and students of the University Colleges are given in the Appendix.

*Endowments and Gifts*—A sum of Rs. 76,500 was granted by the Rockefeller Foundation for use by the Department of History for research in Economic History during the period ending 31st August, 1959.

A sum of 3,000 dollars was offered by Science Information Department, Smith Keine & French Laboratories, Philadelphia, U.S.A. for a research on Indian plant products under the guidance of Dr. Asima Chatterjee.

An offer of a sum of Rs. 5,000 from Sm. Nirmalabala Mitra for creating an endowment for the award of a medal in memory of her son late Parthakumar Mitra was accepted with thanks.

A sum of Rs. 2,250 was received from the students of University of California, Los Angeles through the Vice-Chancellor as a contribution to the poor students' fund.

Two cheques for Rs. 820.43 nP. and Rs. 820.44 nP. was received with thanks from Sri Kesaveswar Basu as his contribution to the Employees' Welfare Fund, the amount being his remuneration for the Examination work done by him during the year under review.

An offer of Rs. 1,000 from Sri Sunilkumar Mukherjee for the creation of an endowment for the award of a Silver Medal every year to the student who will secure the highest marks in M.A. Examination in English Paper IV was accepted with thanks.

An offer of a few shares in two tea Companies from Dr. W. S. Urquhart for the benefit of the poor students was accepted with thanks.

An offer of a sum of Rs. 50 from Prof. N. K. Sidhanta, Vice-Chancellor as a donation towards Employees' Welfare Fund was received with thanks.

A sum of Rs. 134 from Sri S. C. Ray being his remuneration for setting of papers for B.Com. Examination was accepted with thanks and credited to the poor students' fund.

An offer of a manuscript from Sri Bhawanichandra Roy, M.A., Lecturer in English, Dacca University, for the Manuscript Department of this University was accepted with thanks.

An offer of Rs. 8,000 from Sri S. N. Mukherjee, Director, Behar Firebricks & Potteries Ltd. for creating an endowment to perpetuate the memory of late D. N. Mukherjee, ex-Managing Director of the Company was accepted with thanks.

A sum of Rs. 12,320 was received with thanks from the Secretary, Central Silk Board for a research scholar under Prof. J. L. Bhaduri.

An offer of a trophy from the Editor, 'The Statesman' for the best alround performance by a Calcutta College in sports

(including athletics, cricket, hockey, football and swimming) was received with thanks.

*Changes in Regulations*—Changes in the following Chapters of the Regulations were made during the year under review:—

\* (1) Chapter XXXI (I.A.) *re* Distribution of marks in the Alternative Vernacular.

\* (2) Chapters XXXI and XXXV (I.A. and I.Sc.) *re* Alternative English.

\* (3) Chapter XLIV (First M.B.B.S.) *re* Syllabus for First M.B.B.S.

\* (4) Chapter XXXIII (M.A.) *re* Prohibition of B.A.s and B.Com.s to appear at the M.A. in Commerce and M.A. as private candidates, etc.

(5) Chapter XXXVI-C (B.V.Sc.) *re* withdrawal of certain Changes in Regulation.

(6) Chapter XLVI-D of the Regulations relating to D.Phil. Degree in Medicine—Cardiology and Epidemiology were included in the list of subjects for the D.Phil. Degree in Medicine.

\* Date from which effect should be given to the changes mentioned in (1) to (4) have not yet been fixed.

*Committees*—As usual, the Syndicate appointed various small Committees to go into details of some matters placed before them so that they might make decisions on consideration of the reports furnished by them. The constitutions of such Committees are given in the Appendix. The Committees which have been able to finish their work are marked with asterisks.

*Delegates and Representatives*—As in previous years delegates and representatives were duly appointed by the University on various academic bodies and Conferences held in India or elsewhere. Their names are printed in the Appendix.

*Government Grants*—Offer of the University Grants Commission for Rs. 14,37,196 being the 66⅔% in connection with development of the Applied Chemistry and Applied Physics, Radio Physics and Electronics Departments.

The provisional offer of interest-free loan of Rs. 10,00,000 by the University Grants Commission for construction of Hostels was accepted with thanks.

A sum of Rs. 28,30,000 being the second and third instalments of Centenary grant of rupees one crore was received. It may be mentioned here that a sum of Rs. 7,45,000 was received last year being the first instalment of the grant.

A sum of Rs. 15,000 was received being the West Bengal Government's recurring grant for the Department of Radio Physics and Electronics (Advanced Electronics Course).

A sum of Rs. 20,000 was received from the University Grants Commission for the purchase of Scientific and Technical books.

A sum of Rs. 104,785-14-0 was received from the University Grants Commission being 80% of the additional expenditure incurred by the University for fixing the salary of Teachers according to the principles laid down by them.

A sum of Rs. 1,00,000 was received from the University Grants Commission for construction of the building for the Department of Economics.

A sum of Rs. 1,00,000 was received from the University Grants Commission for construction of P.-G. Hostels.

A sum of Rs. 30,000 was received from the University Grants Commission for Library books on Humanities.

*Equivalence of Examination*—During the period under review the following examinations of other Universities and Boards were recognised as equivalent to the corresponding examinations of this University:

Name of University or Board	Name of Examination	Equivalent to the Examinations of this University
University of Rajasthan	B.Com.	B.Com.
Madras University ...	Pre-University Course	Completion of First-year Intermediate course.
Rajshahi University ...	M.A. in English, History, Economics, Philosophy, Bengali, Islamic History and Culture, Geography, Mathematics; M.Sc. in Geography and Mathematics.	Corresponding examinations of this University.
Poona University ...	I.Sc.(Ag.)	I.Sc.(Ag.)
Vidarbha Board of Secondary Education, Nagpur.	Secondary School Certificate Examination.	School Final Examination of the Board of Secondary Education, West Bengal.
Mahakosal Board of Secondary Education, Jabalpur.	Do.	School Final Examination of the Board of Secondary Education, West Bengal.
Visva-Bharati University.	School Certificate Examination.	School Final Examination of the Board of Secondary Education, West Bengal.
Dacca University	M.B.B.S.	M.B.B.S
Punjab University	B.Sc. Engineering (Civil)	B.E. for the purpose of admission to the M.E' (P.H.) Course
U. P. Board	I.Sc.(Ag.)	I.Sc.(Ag.)

*Important Decisions*—The following recommendations were made for erection of a suitable memorial to the late Dr. Harendra Coomar Mookerjee, the great benefactor of the University:

(1) That a Chair be named after late Dr. Harendra Coomar Mookerjee.

(2) That a suitable memorial be erected and that the Registrar be authorised to make an appeal to the general public for contribution to the Fund for the erection of the memorial.

(3) That a memorial volume be published half of which will contain the articles written by late Dr. H. C. Mookerjee and the other half will contain suitable articles written by others and that, for this purpose, the following Board of Editors be constituted:—

Prof. P. N. Banerjee, Editor-in-Chief  
Sri Hemendraprasad Ghosh  
Sri Chapalakanta Bhattacharyya

The name of the 'Institute of Nuclear Physics' was changed to 'Saha Institute of Nuclear Physics.'

An Additional Dearness Allowance at Rs. 5 p.m. was ordered to be paid to all the employees of the University drawing pay not exceeding Rs. 250 p.m. with effect from June, 1957.

The Annual Report was ordered to be circulated to the Syndicate before the 30th September, each year.

Changes in the Regulations were ordered not to be printed in the Annual Report but only references to the changes together with the dates of their effect were to be given.

The amendments to the Provident Fund rules of the University Employees including Teachers in respect of payment of Additional retirement benefit were accepted.

A sum of Rs. 400 in addition to the original grant of Rs. 600 was sanctioned for Sree Sarada Ashram.

House rent allowance according to the rules and rates of the Government of West Bengal was sanctioned for the teachers and Officers of the University.

### **AFFILIATED COLLEGES**

During the period under review there were 135 colleges—Arts and Science—111, Medical—9, Commerce—1, Agriculture—1, Tanning—1, Law—2, Engineering—1, Training—5, Music—2, Textile—1 and Home and Social Sciences—1.



Under orders of the Vice-Chancellor and Syndicate the following colleges were inspected during the period under review and affiliation or extension of affiliation was granted:—

1. Shyamsundar College ... B.Sc. in certain subjects.
2. Nistarini College, Purulia ... I.A. & B.A. in certain subjects.
3. Bengal Textile Institute, Serampore. B.Sc. Tech.
4. Alipur Duar College ... I.Sc. in certain subjects.
5. Netaji Mahavidyalaya, Arambag. B.A. in certain subjects.
6. Narasinha Dutt College, Howrah. B.Com in certain subjects.
7. B.E. College, Sibpur ... Mining Engineering.
8. N. R. Sircar Medical College D.G.O.
9. Girls' College, Berhampore ... B.A. Honours in English.
10. Vidyasagar College, Calcutta ... B.A. & B.Sc. Honours in Geography.
11. Maharnajdhiraj Udaychand College, Burdwan. I.Sc. in certain subjects.
12. Khargpur College ... Junior Military Course in I.A., B.A. Honours in History and Economics.
13. Hindu College, Gobardanga ... B.A. Honours in History, English, B.A. and B.Sc. Honours in Mathematics, Junior Military Course in I.A.
14. Central Calcutta College ... Alternative English to B.A. Pass.
15. Nabagram Hiralal Paul College I.A. Sanskrit.
16. Teachers' Training College, Kalyani. B.T. in certain subjects.
17. Teachers' Training College, Belur. B.T. in certain subjects.
18. Raja Peary Mohan College, Uttarpara. B.Com. in certain subjects.
19. St. Xavier's College, Calcutta B.Sc. Pass in Statistics, B.A. Honours in History.
20. Sri Sikshayatan, Calcutta ... B.A. Pass in Geography, Alternative English; B.A. Honours in Hindi and Philosophy.
21. Soorajmull Jalan Girls' College B.A. Honours in Hindi.
22. Berhampur Textile Institute ... B.Sc. Tech.
23. Loreto House ... B.A. Honours in Education and History.
24. City College ... B.A. and B.Sc. Pass in Geography.
25. City College, South Calcutta ... I.A. & I.Sc. in Social Sciences B.A. Pass in Psychology and Anthropology.
26. Bankura Christian College B.A. Honours in History.
27. Suri Vidyasagar College B.A. Honours in History; B.A. & B.Sc. Honours in Mathematics.

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| 28. Central Calcutta College                   | ... | B.Sc. in certain subjects.   |
| 29. Gurudas College, Narkeldanga               |     | B.Sc. in certain subjects.   |
| 30. P. K. College, Contai                      | ... | B.A. Honours in English, Bangali and History.  |
| 31. Siliguri College                           | ... | B.Sc. in certain subjects.   |
| 32. Bolpur College                             | ... | B.Sc. in certain subjects.   |
| 33. Dinabandhu Mahavidyalaya, Bangoan.         |     | B.Sc. in certain subjects.   |
| 34. Bagnan College                             | ... | I.A. and B.A. in certain subjects.   |
| 35. Kandi Raj College                          | ... | B.Sc. in certain subjects.   |
| 36. Lady Brabourne College                     | ... | B.Sc. in certain subjects.   |
| 37. Motijheel College, Dum Dum                 | ... | B.A. Honours in English; B.A. and B.Sc. Honours in Mathematics.  |
| 38. Scottish Church College                    | ... | B.Sc. in certain subjects; B.A. Pass in Hindi.   |
| 39. Bijaynarayan College, Itachuna             |     | B.A. Honours in English.   |
| 40. Bethune College                            | ... | B.Sc. in certain subjects.   |
| 41. Howrah Girls' College                      | ... | B.A. Honours in Economics.   |
| 42. Dinabandhu Institution, Sibpur             |     | B.Sc. in certain subjects.   |
| 43. Surendranath College, Calcutta             |     | B.Sc. Pass in Physiology.<br>B.Sc. Honours in Zoology and Botany.<br>B.A. Pass in Education for Girls.   |
| 44. Tamralipta Mahavidyalaya                   | ... | B.Sc. in certain subjects.   |
| 45. K. C. College, Hetampur                    | ... | B.Sc. in certain subjects.   |
| 46. Bankim Sardar Mahavidyalaya, Tangraakhali. |     | B.A. in certain subjects.  |
| 47. Asutosh College for Women, Calcutta.       |     | Affiliation to I.A., I.Sc., B.A. and B.Sc. standards.  |
| 48. Asutosh College of Commerce, Calcutta.     |     | Affiliation to I.A. and B.Com. standards.  |
| 49. Bankura Sammilani Medical College.         |     | Affiliation to the Final M.B.B.S. standard.  |
| 50. Viharilal College of Home Science.         |     | I.A., I.Sc., B.A. and B.Sc. standards in certain subjects including Household Arts, Child care and training Social science, Household Science, Music, etc. |

The following colleges were inspected in connection with their applications for extension of affiliation, but these cases were not recommended:—

- |   |     |                              |
|---|-----|------------------------------|
| 1. Katwa College                            | ... | B.A. Affiliation.            |
| 2. Howrah Girls' College                    | ... | Honours in certain subjects. |
| 3. Khudiram Bose Central College, Calcutta. |     | B.Com. standard.             |
| 4. Burdwan Raj College                      |     | Honours in certain subjects. |
| 5. Hugly Women's College                    |     | I.Sc. in certain subjects.   |

Annual inspection of the following colleges was held during the period under review:—

1. Calcutta Dental College.
2. Women's College, Calcutta.
3. Loreto House, Calcutta.
4. Fakirchand College, Diamond Harbour.
5. Salesian College, Sonada.
6. St. Joseph's College, Darjeeling.
7. Government College, Darjeeling.
8. Agricultural College, Tollygunge, Calcutta.
9. Sanskrit College, Calcutta.
10. Presidency College, Calcutta.
11. K. N. College, Berhampore.
12. Girls' College, Berhampore.
13. Sri Krishna College, Bagoola.
14. Bankura Sammilani College.
15. Bankura Christian College.
16. Suri Vidyasagar College.
17. S.U.M. Institution, Kalimpong.

Special inspection of the following colleges was held:—

1. R. G. Kar Medical College ... Enquiry.
2. Tamralipta Mahavidyalaya ... Complaints.

### FINANCIAL POSITION

The Budget Estimates for the year 1957-58 showing a deficit of Rs. 8.38 lakhs were passed by the Senate on 25th June, 1957. The year opened with a surplus balance of Rs. 2.03 lakhs and it was estimated that the actual deficit at the close of the year 1957-58 would come to Rs. 6.35 lakhs.

As per award of the Tribunal constituted under the Secondary Education Act, 1950, a sum of Rs. 5.52 lakhs per annum is payable by the Government of West Bengal to compensate the loss incurred by the University on account of Matriculation Examination. This amount as well as the statutory grant of 16 lakhs has been received from the Government of West Bengal.

It is now anticipated according to the revised estimates for 1957-58 that the position at the close of the year will be more or less like—

	Rs.
Estimated deficit as per Budget Estimates of the year, 1956-57	6.35 lakhs
Less receipt in excess of the Budget estimates <i>minus</i> amount transferred to Reserve Fund and additional expenditure sanctioned	...
	... 8.33
<b>Total deficit</b>	<b>... 2.52</b>

This deficit is likely to be wiped out as substantial saving is expected.

This year we received from the Reserve Bank of India a sum of Rs. 15,548 for maintenance of the Professorship on Industrial Finance with two Research Assistants working under him. The scheme has been extended for another term of 5 years.

There is a proposal for strengthening the Department of Economics with an estimated non-recurring expenditure of Rs. 9,00,000 inclusive of Rs. 3,00,000 for land. The total recurring expenditure after expansion is estimated to be Rs. 1,80,000. The University or the State Government are to meet 50% of the additional recurring expenditure and the University Grants Commission has been requested to meet the balance. The University Grants Commission has already made available Rs. 2,00,000 to the University towards non-recurring grant. The Building is already complete. The Department will start functioning there very soon.

The University celebrated its Centenary Celebration in January, 1957. The University Grants Commission has agreed to pay rupees one crore being the contribution of the Central Government to the University on the occasion of Centenary Celebration. Out of this commitment we have received Rs. 37.75 lakhs so far, Rs. 28.30 lakhs being received during the year under review. The Government of West Bengal, on the occasion of Centenary Celebration, has converted the loans given to University from time to time, into grants and thus no repayment will be required of the outstanding of loan and interest of Rs. 7,78,358-12-0. Also we have received Rs. 2.87 lakhs from private sources as Centenary contribution.

A new Professorship in Chemical Physics has been created under the Department of Pure Physics. The Government of West Bengal have sanctioned Rs. 7,950 representing 50% of recurring expenditure for this post. The University Grants Commission has been requested to bear balance 50% of the recurring cost.

The University has adopted without modification the Dearness Allowance rules of the Government of West Bengal with effect from 1st July, 1956. Accordingly all categories of whole-time University employees including Officers and Teachers are being paid Dearness Allowance at rates admissible according to West Bengal Government rules. In respect of applicability and rates previous Dearness Allowance rules of the University were different from West Bengal Government.

The Senate on 27th June, 1958, adopted following measures for the welfare of University employees and pensioners.

- (i) Compensatory House Rent at West Bengal Government rules as amended from time to time has been sanctioned to all wholtime employees of University including Teachers, Demonstrators, Research Assistants and Officers with effect from 1st June, 1958. Under the existing rules office Assistants, Technical hands and members of the Lower Subordinate staff are drawing a salary not exceeding Rs. 330 p.m. get this benefit.
- (ii) Except in cases of certain categories of staff appointed before 1st June, 1938, the rate of University contribution for Provident Fund has been so long 6½%. This has been raised to 8½% with effect from 1st June, 1958.
- (iii) The monthly pensions of all categories of pensioners has been raised by 25%.

The University Grants Commission pays to the University a recurring grant of Rs. 2.19 lakhs for the expansion scheme of the three Technology Departments of Applied Physics, Applied Chemistry and Radiophysics and Electronics. For equipment and buildings the University Grants Commission has further approved a scheme of Rs. 21.55 lakhs for these three Departments out of which the Grants Commission share will be Rs. 14,87,196 and the balance is to be paid by the State Government or the University. The University received a sum of Rs. 6,25,000 for this purpose in the previous year, out of which a sum of Rs. 65,333 has been, during the year under review, diverted to other schemes by the Grants Commission. The University Grants Commission has further approved a recurring grant of Rs. 1,52,771 for these Departments out of which 50% will have to be shared by the State Government or the University. For development of Advanced Electronics Course University receives a recurring grant of Rs. 30,666 from the University Grants Commission and Rs. 14,000 from the Government of West Bengal.

As in previous years the Government of West Bengal sanctioned Rs. 50,000 for distribution to the selected colleges of West Bengal for purchasing books which has been accordingly done.

Two hostels for Post-Graduate students, one for male students and another for women candidates are under construction. The total estimate for these hostels is Rs. 9,24,000. The Government of India has agreed to grant Rs. 4,60,000 for these hostels. The University has so far received

Rs. 3,54,669 from the University Grants Commission out of which Rs. 1,00,000 has been received during the year under review. From the Government of West Bengal we have received Rs. 4,28,135 for this purpose, out of which Rs. 31,135 has been given as interest-free loan and the balance in the form of land for hostel. The loan has however been converted into grant by the Government of West Bengal and hence no repayment will be required.

The construction of the building for the V. L. College of Home and Social Science at Hastings is partially complete. The college is already functioning in the new building. It is now estimated that a sum of Rs. 11.54 lakhs will be required which includes cost of land and construction of building and equipments. The land at Hastings has been purchased at a cost of Rs. 3,00,000 from the State Government by selling the corpus of the V. L. Mitra Fund to the extent of Rs. 3.73.000 out of the total corpus of Rs. 6.56,700.

The Government of India have agreed to bear 66% of the actual cost of the buildings, which is estimated as Rs. 5.89 lakhs. The University has so far received Rs. 1,50,000 from the Central Government towards the construction of building and a recurring grant of Rs. 15,000 for the period up to February, 1958. The Government of West Bengal sanctioned an *ad hoc* grant of Rs. 46,160 in the previous year for this college.

### UNIVERSITY COLLEGE OF LAW

During the period under review, i.e., 1957-58, there was an increase in the roll strength of the college in comparison with that of the previous year. In 1957-58, the number of students on the rolls of the college was 2,343 while in the previous session it was 2,023. The tutorial staff consisted of thirty-four Lecturers.

The Library Reading Room remained open from 6-30 A.M. to 8 P.M. on all working days except on Saturdays when it closed at 5 P.M. The total number of books issued to the students in the Reference and the Lending sections was 37,586.

During the year under review the College Union, the College Athletic Club and the College Gymnasium gave a good account of their respective activities. This college won trophy in the Inter-collegiate Debate Competition held in Maldah. In the Inter-collegiate Cricket Competition the College Team became champion.

Attached to the college is the Hardinge Hostel which has accommodation for about 160 boarders.

## UNIVERSITY COLLEGE OF MEDICINE

During the period under review the activities of the University College of Medicine were mainly concerned with organisational work and conduct of a course of higher training in Basic Medical Sciences (Anatomy, Physiology, Biophysics and Biochemistry, Pharmacology, Pathology, Bacteriology and Medical Zoology and Experimental Surgery) and Post-Graduate Lecture Course for the students intending to qualify themselves for the Degrees of Doctor of Medicine, Master of Surgery and Master of Obstetrics.

The inauguration of the Basic Medical Sciences Course took place at Darbhanga Hall, Darbhanga Building on 5th November, 1957 at 6 p.m. Dr. B. C. Roy, Chief Minister of West Bengal, inaugurated this course. Dr. Roy opined that Basic Medical Sciences Course is necessary in the interest of the science of medicine. Dr. S. Mitra, Vice-President, Council of the University College of Medicine explained the objects of the Basic Medical Sciences Course. Sri N. K. Sidhanta, Vice-Chancellor and President of the Council of the University College of Medicine presided over the function. He mentioned about the importance of Basic Medical Sciences for the advancement of Medical Sciences.

In the inaugural function the Vice-Chancellor announced the offer of an endowment by the sons of late Dr. B. N. Ghosh for an award of a medal to the best student in the Basic Medical Sciences Course of the University College of Medicine in memory of the late Doctor.

Dr. A. Lakshmanswami Mudaliar, Vice-Chancellor, University of Madras, who visited the University on invitation expressed his appreciation for starting the University College of Medicine for Post-Graduate Teaching and for making provision for research courses under the guidance of able and eminent teachers.

The organisational work was mainly conducted through the Central Office of the University College of Medicine situated at Darbhanga Building. A meeting of the teachers in different subjects was held where details regarding dates, time and subject matter of individual lecturers were discussed and finally approved.

A detailed programme of teaching of different subjects containing dates, time, venue, teacher and subject matter of individual lecture was printed by the Central Office and circulated to the students and teachers before the course actually began.

*Distribution of Students*—No. of students admitted in the Basic Medical Sciences Course for the year 1957-58—30, Post-Graduate Lecture Course in Medicine for the year 1957-58—33, Post-Graduate Lecture Course in Obstetrics & Gynæcology for the year 1957-58—22, Post-Graduate Lecture Course in Surgery for the year 1957-58—21. The students took a keen and lively interest in the Basic Medical Sciences Course and Post-Graduate Lecture Courses in Medicine, Obstetrics & Gynæcology and Surgery. The students for the clinical lecture courses were very eager to have more lectures. During the later parts of the Basic Medical Sciences Course the attendance become thinner as some of them were absorbed in teaching posts, some of them were appointed in Government jobs, some of them sailed for England for appearing in F.R.C.S. and M.R.C.P. Examinations etc. and some of them had employments elsewhere which prevented them from attending all the classes.

*Research*—Following Research Scholars are working in different Departments of the University College of Medicine, Calcutta University.

Name	Department	Subject of Research
(1) Sri Kamalkanti Chatterjee.	Chest Surgery	Investigation of different Cardiac diseases.
(2) Sri Mohanlal Lahiri	Chest Diseases	Pulm Tuberculosis and Work
(3) Sri Sunilkumar Sadhukhan.	Cardiology	Preliminary works in Vascular Reflex in humans.
(4) Sri Benoykumar Mudgill.	Dermatology	Study and analysis of Electrophoretic changes in Serum Protein in different Dermatoses.
(5) Sri Susanta Kunduray	Experimental Surgery.	Experimental Production of Peptic Ulcer and its mechanism and management.
Sri Surnehikumar Ballav.	Obstetrics and Gynaecology.	Early diagnosis of Carcinoma of the body of the uterus in unsuspected cases by cytologic method.
(7) Sri Biswapati Chatterjee.	Radiology and Radiotherapeutics.	Investigation in Spondylolithesis and its complications.
(8) Sri Santoshkumar Pal	Cancer Research	Study of vaginal cytology in relation to the diagnosis of Carcinoma of the cervix in unsuspected cases.
(9) Sri Anadinath Ghosal	Psychology	Influence of Heredity as well as Environmental factors on the causation of mental disorders.



*Departments of Post-Graduate Teaching with their  
Respective Heads*

Obstetrics and Gynaecology	...	Dr. S. Mitra, M.B. (Cal.), Dr.Med. (Berlin), F.R.C.S. (Edin.), F.R.C.O.G., F.A.C.S., F.N.I.
Anatomy	...	Dr. H. Chatterjee, M.B. (Cal.), D.A.E. (Paris).
Physiology, Biophysics and Bio-chemistry.		Dr. B. B. Sarkar, D.Sc. (Edin.), F.R.S.E.
Pathology, Bacteriology and Medical Zoology.		Dr. R. P. Tribedi, M.B. (Cal.), D.B. (Lond.), F.N.I.
Pharmacology	...	Dr. B. B. Roy, M.B. (Cal.).
Cardiology	...	Dr. J. C. Gupta, M.B. (Cal.), M.D. (Cologne).
Cancer Research	...	Dr. S. Mitra, M.B. (Cal.), Dr.Med. (Berlin), F.R.C.S. (Edin.), F.R.C.O.G., F.A.C.S., F.N.I.
Child Health	...	Dr. K. C. Chaudhuri, M.B. (Cal).
Dermatology	...	Dr. B. N. Banerjee, M.B. (Cal.), M.R.C.P., (Edin.).
Diseases of Chest	...	Dr. P. K. Sen, M.B. (Cal.), M.D. (Berlin), Ph.D. (Wales), T.D.D. (Wales).
Neurology	...	Dr. N. De, M.B. (Cal.), M.R.C.P. (Edin.), D.P.M. (Lond.).
Experimental Surgery	...	Dr. S. R. Mukherjee, D.Sc. (Edin.), Ph.D. (Edin.), M.S. (Cal.).
Chest Surgery	...	Dr. A. K. Basu, M.S. (Cal.), F.R.C.S. (Eng.), F.A.C.S.
Orthopaedics	...	Dr. K. C. Sarbadhikari, M.B. (Cal.), F.R.C.S. (Eng.), F.R.C.S. (Edin.).
Ophthalmology	...	Dr. K. L. Sen, M.B. (Cal.), F.R.C.S. (Edin.), D.O.M.S. (Lond.).
Radiology and Radio Therapeutics	...	Dr. S. Mukherjee, M.B. (Cal.), D.M.R.E. (Cantab.).

*Lectures delivered by the foreign visitors and distinguished Professors  
and eminent medical men*

Name	Lecture delivered	Date of visit
(1) Dr. B. C. Roy, B.A., M.D. (Cal.), D.Sc., M.R.C.P. (Lond.), F.R.C.S. (Eng.), Chief Minister, Government of West Bengal.	Inauguration of the Basic Medical Science Course	5th November, 1957.
(2) Prof. Dr. Robert Schroder, Director of the University, Women's Clinic, Leipzig Eastern Germany.	A general survey of pre- valence and incidence of Cancer with special reference to Cancer Cervix.	3rd July, 1957

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|--|--|--------------------------------|
| (3) Dr. N. K. Sengupta, M.D. (Cal.), An eminent Physician of Calcutta.   | Role of Medicine in Post-Graduate Medical Education.                                       | 4th November, 1957.            |
| (4) Dr. V. S. Manglik, M.D., D.C.P. (Lond.), Principal and Professor of King George's Medical College, Lucknow and Dean of the Faculty of Medicine, Lucknow University.          | Role of Pathology in Post-Graduate Medical Education.                                      | 13th November, 1957.           |
| (5) Lt.-Col. Sir A. L. Mudaliar, B.A., M.D., LL.D., D.Sc., D.C.L., F.R.C.O.G., F.A.C.S., Vice-Chancellor, Madras University and Eminent Obstetrician and Gynaecologist in India. | Importance of Basic Medical Science in Post-Graduate Medical Education.                    | 7th December, 1957.            |
| (6) Lady Edith Paterson ...  | Modern Trend of Chemotherapy in Cancer.  | 29th December, 1957.           |
| (7) Sir Ralston Paterson ...   | Place of Radiotherapy in Cancer.   | 30th December, 1957.           |
| (8) Dr. B. Mukherjee, M.B. (Cal.), D.Sc., F.N.I., Director, Central Drug Research Institute, Lucknow.  | Hormones of Pituitary gland with special reference to the Hormone of Para inter-media.     | 9th January 1958.              |
| (9) Dr. Stanley P. Reimann, Director of the Institute for Cancer Research and the Lankenau Hospital Research Institute, Philadelphia.  | Causes of Cancer, Chemistry of Cell Division, Nuclear transplantation and differentiation. | 7th, 8th and 10th March, 1958. |
| (10) Prof. G. Fanconi, Director, University Children's Clinic, Zurich and Secretary-General, International Pediatric Association.  | Metabolic Disorders and Malnutrition.  | 22nd May, 1958                 |

## ASUTOSH MUSEUM OF INDIAN ART

Through rapid accession of objects, mainly from exploration, the Asutosh Museum of Indian Art, has during the last few years been overcrowded. Now the saturation point has finally been reached. There is scarcely any space of storing even and consequently rare stone images are lying scattered on the floor here and there, and thousands of ancient terra-cotta figures are lying piled up in cases denied any means or possibility of display.

*Exploration*—The archaeological investigations carried in the period 1957-58 have not only been rewarded by discovery of antiquities belonging to Maurya, Sunga, Kushan and Gupta periods from the ancient sites of Chandraketugarh, Atghara and Harinarayanpur near Calcutta but also by several pre-historic seals from the first two places. The existence of a prehistoric

civilisation in lower Bengal analogous to the Indus valley culture is suggested for the first time by discovery of a type of pottery called black-and red ware, associated with Chalcolithic culture, from the aforesaid sites.

During the year under review, the Museum has been greatly enriched by explorations by about two thousand antiquities majority of them terra-cotta seals, plaques and some significant black and red wares of proto-historic age collected from the sites of Chandraketugarh, Harinarayanpur and Atghara discovered in the vicinity of Calcutta, by a team of workers consisting of Sri P. C. Dasgupta, Sri M. K. Pal, Sri C. R. Raychaudhuri, Dr. K. Ganguli, Sri Satyen Ray, Sri P. Shome, Sri K. C. Sarkar and Sri S. Majumdar.

Of all the relics two terra-cotta tablets of proto-historic lineage also having remote resemblance with Harappan culture open up a new vista in Eastern Indian culture specially of the lower Ganga valley which up till now only yielded Maurya and Post-Maurya relics. Sri P. Shome has collected from Chandraketugarh one eye-shaped seal consisting of figures, shaven headed, hook-nosed and lower portion covered by kilted drapery strangely Sumerian and Harappan in Character. The other one secured by Sri P. C. Dasgupta from Harinarayanpur shows a round tablet containing two striking abstract figures in relief confronting each other. Both of them are beak headed and crowned with twigs like some of the Harappan seal types the larger one bestowing a staff like thing to the smaller one opposite, obviously appears to be a divinity.

What happens to be earliest Buddha figure, so far discovered in Bengal, has recently been collected by Sri S. Roy from Khana-Mihirer Dhipi in the environs of Chandraketugarh where archaeological excavations have also been undertaken this year under the auspices of the Asutosh Museum. Representing a small fragment in red sand-stone, the torso of Buddha is reminiscent in almost every detail of the earliest seated Buddha of the Mathura school of about the 1st century A.D. Sri D. P. Ghosh collected from Chandraketugarh, a headless terra-cotta figure, probably a royal warrior of remarkable vigour which may also be assigned to the Kushan era. Other notable finds from the same site include a terra-cotta torso of a lady attired in foreign mode with tunic and cap, a series of Mithuna plaques of the widest variety, some of them definitely Sunga as revealed by the architectural setting having stylistic affinity with the early Andhra school of the Deccan in dynamic movement and slender grace, unique winged terra-cotta elephants holding lotus stalks in their trunks possibly of Maurya workmanship, bold and vigorous ram's head with a beautiful slip, seals and polished stone fragments inscribed in early Brahmi characters, a small

terra-cotta tablet of Sunga origin showing a royal couple on a caparisoned elephant led by a Mahout, perhaps representing the story of Udayana and Vasabadatta, exquisite yaksa, yaksini heads and innumerable early coins, beads and other antiquities.

Besides several terra-cotta seals with proto-historic designs, explorations at Harinarayanpur have yielded a pair of terra-cotta fragments of lower parts of females with splayed out hips of pre-Mauryan origin, another fragment of a sensitively modelled yaksini plaque with diaphanous drapery, terra-cotta sprinkler of probable Roman origin, punch-marked and cast-coins—one with a curious device of a caparisoned horse on the obverse and an elephant entering a Torana on the reverse, and about 1,500 beads of semi-precious and precious stones, many of them bearing etched designs as also fragments of black-and-red pottery.

From Atghara, Sri P. C. Dasgupta, Asst. curator, and Sri A. Chatterjee have collected an early terra-cotta relief envisaging a male warrior of great dignity and poise whose elegance is reminiscent of Jagayyapeta reliefs, although the graceful folds of the raiment betray obvious influence of Hellenistic technique, heads of Apsara and a male with twigs of tree growing from the Ushnisa, elephant with riders and fine examples of Roman rouletted ware of the early Christian eras. A terra-cotta seal with tree motif inscribed with Brahmi character is another important relic collected by Sri S. Samanta.

Boral, an associate site on the Adiganga only about five miles from South Calcutta, where Kushan terra-cotta lamps and elephants were discovered by Sri D. P. Ghosh, Curator, about 20 years ago, has also recently yielded rouletted wares, early bricks and figurines.

*Collection and Gifts*—During this period many objects of art and antiquity were either collected or acquired as gifts from benevolent donors. To the credit of Sri Gaurmohan Ganguli goes the collection of (a) a remarkable terra-cotta Buddha inscribed with the usual Buddhist formula in characters of early Gupta period from Tilda, District Midnapur, (b) an impressive statue in chlorite, unique in Eastern India, of a bearded royal personage, apparently in the pose of a Phakta, flanked by figures of his family and attendants of about 11th century A.D. from Contai, District Midnapur, (c) a monumental stone image, rather damaged, but iconographically important of a snake hooded, twelve handed Visnu-Lokeswar of c. 10th century A.D., from Sanchura, District Burdwan and lastly, (d) a rare black stone image of Siva Isana (c. 12th century A.D.) from Byabarttihat, District Midnapur.

Of the gifts mention may be made of five stone images of the Pala-Sena school from West Dinajpur by Sri B. C. Ganguli, I.A.S., which include three rare specimens representing. (a) a

Visnu-Vamana (c. 8th-9th century A.D.), (b) a seated Gajalakshmi (c. 12th century A.D.), and (c) a Sadasiva (c. 12th century A.D.); also a seated bronze image of Buddha (c. 10th century A.D.) from Maynamati have been made over by Srimati Hasirani Ghosh.

Prof. Rajkumar Chakrabarti presented four gold coins including one of Akbar (1575 A.D.), one of Muhammad Shah (1738 A.D.) and two of Shah Alam II. Another gold coin of Shah Alam II was presented by Srimati Malaya Raychaudhuri.

*Excavation*—Excavation was carried on at Chandraketugarh, 24-Parganas, under the guidance of Sri Kunjagobinda Goswami, M.A., Excavation Officer, assisted by Sri P. C. Majumdar, M.A., of the Department of Pali, for two months in February-March, 1958. The work was continued in the last year's trench (No. 1) near the rampart wall to the west of the Berachampa-Haroa road with satisfactory result. The pottery pipe drain which was discovered last year was followed up to a certain length. Indications of different periods of human habitation were also available in course of the excavation at this place. Some of the portable antiquities are very important and also unique. These consisted of various types of pottery including rouletted pattern, N.B.P. and a rare specimen of copper punch-marked coin, a terra-cotta two-legged armless serpent deity with round eyes and indented circles on the body, a good ivory bead and a part of an ivory bangle, etc. Some of them were very probably associated with the Maurya and pre-Maurya periods. Similar serpent deity dated about the 6th-7th century B.C. have been excavated by the Archaeological Survey of India at Sonapur and other places in Northern India. However, it is for the first time that examples of such remote antiquity are found in Bengal through excavation.

The second site where the digging was started for the first time this year is locally known as *Khana-Mihirer Dhipi*. This mound is about 14 ft. above the road level. A trench 200' × 20' divided into 10 squares of 20' × 20' each, dug there brought to light two feet below the surface, the western wall of a stupendous brick structure the existing height of which is 14 ft. 6 in. with walls 4 ft. wide. This huge structure could not be fully unearthed this year, but from the study of the architecture of the exposed portion it is expected that the total length of the western face of the building would be 154 ft. with re-entrant angles at different places. It is further supposed that each of the other three sides is also likely to have this measurement. Because this structure is likely to turn out to be one of the varieties of the *Sarvato-bhadra* type of buildings. It was probably used as a temple. Further excavations are expected to throw more light on the date and particular cult or religion to which this stupendous

structure belonged. But at present it may be tentatively supposed that the date of the first construction of the building would not be later than the Gupta period. Below this building, i.e., at an earlier period we find that there was the age of the title shed at this mound also. This seems to be a highly disturbed area and even the so-called temple shows marks of repair and renovation at different ages. The occupational periods so far exposed in this area are estimated to be six in number beginning with the pre-Gupta and ending with the post-Pala ages. The area being disturbed the antiquities seem to have been removed from their original places and so they cannot be taken as sure guides for dating. Some of the interesting antiquities recovered from this and the previous sites consist of (1) various types of pottery objects including a long necked red ware jar possibly of pre-Mauryan origin meant for domestic use and storage from Period I, examples of N.B.P. and grey ware, some with rouletted designs and stamped motifs, notably a black potsherd with bird motif reminiscent of Arikamedu and pointing to Roman contact from Period II, (2) a few copper coins, one of which is a punch-marked coin and the rest cast coins of remarkable variety, (3) terra-cotta plaques containing mithuna or erotic couples obviously showing the influence of the Kamasutra of Vatsyayana in c. 1st-3rd century A.D. and (4) terra-cotta peacock toy cart and a rare glass-coated gold bead.

The excavation party included among others three research scholars, viz., Sri Mrinalkanti Pal, M.A., Sri Chittaranjan Raychaudhuri, M.A., and Sri Anilchandra Pal, M.A., as well as several Post-Graduate students.

*Paintings, textiles and folk art*—Some rare paintings of excellent workmanship of the Mughal, Rajasthan (specially Kotah-Bundi) and Hill schools, large painted banners showing Krishna legend and epic scenes from Jodhpur and some textiles including a fine old coloured muslin piece from Dacca of the "Agni-phool" variety were purchased for the Museum. Numerous objects of Bengal folk-art in terra-cotta, clay pith, wood; Kanthas, Pata and Pats of exquisite variety were added to the Folk-Art Gallery which is a distinctive feature of the Museum. Some interesting African tribal wood carving and Red Indian dolls were collected by Sri P. C. Majumdar and Dr. K. Ganguli, University Lecturers from East Africa and U.S.A. respectively.

*Coins*—236 coins were acquired by the Museum in this period. The early coins include gold coins of Kadphises II, one Kidara Kushan ruler and Kumaragupta I, numerous uninscribed copper cast coins and several silver punch-marked coins from Harinarayanpur and Chandraketugarh whereas among the later coins may be mentioned a number of rare copper coins of King

Ansuvarman of Nepal and several gold pieces of Akbar, Muhanmad Shah and Shah Alam II.

*Preservation and cleaning*—The Preservation Section under Dr. M. N. Basu, M.Sc., D.Phil., cleaned many coins terra-cottas, bronzes, paintings, etc. and arrested their gradual corrosion and decay with the assistance of Sri Tarun Bagchi, M.Sc.

*Art Appreciation Course*—The Teachers' Training Certificate Course in Art Appreciation was held in the Museum during the months May-August, 1957, 12 students were admitted and passed the examination—three with distinction.

*Visitors*—During the period under review more than 3,600 visited the Museum, among whom mention may be made of the members of the U.K. Commonwealth Delegation, Stuart Welch of Fogg Art Museum, Harvard University, Richard Ettinghausen of Freer Art Gallery, Washington, Bevgt Hager, Curator, Stockholm, Sweden, Max Lochn, Professor of Far Eastern Art, University of Michigan (U.S.A.), Douglas A. Allan, Curator, the Royal Scottish Museum, Edinburgh, U.K., T. Burrow, Professor of Sanskrit, Oxford University, Dr. E. Waldsmidt, University of Hanburg; Dr. Warner Spiser, Curator, Museum of Far Eastern Art, Cologne, Germany, Dr. Monomohan Das, Deputy Minister of Education and Scientific Research, Government of India, as also the members of Nepal University Commission.

*Other activities*—The Curator Sri D. P. Ghosh, M.A., presided over the All India Museums Conference, for the second successive year, held at Anand in December, 1957 and simultaneously attended the 20th session of the Indian History Congress, Anand, as a delegate of the Museum. He was also invited to deliver two lectures on Museology by the University of Baroda early in January, 1958. Dr. K. Ganguli, M.A., D.Phil., who was deputed by the Government of India, during the period under review, to U.S.A. to study General Education took the opportunity to visit and study the principal Museums of U.S.A. and Europe. Among the publications mention may be made of the following:—

D. P. Ghosh—"Archaeological Discoveries in Lower Ganges Valley", Indian Science and Culture, December, 1957.

P. C. Dasgupta—"The Early Terra-cottas from Tamralipta". Indian Folk-Lore, January-March, 1958.

### **Department of Education and Teachers' Training**

During the period under review Sri K. K. Mookerjee, Head of the Department guided the research work of a Jnanendramohan Sen Scholar and a Sarala Sen Scholar, who worked

respectively on the following problems: (a) John Dewey and his Educational Philosophy: A critical study; (b) Teacher Education in West Bengal. Two other Jnanendramohan Sen Scholars worked under the direction of Sri D. N. Ray—one on Evolution of Curriculum in the Secondary Schools of West Bengal, and the other on Retardation among pupils of Class VI in the Secondary Schools of Calcutta. Besides, a number of candidates, who had been registered for the D.Phil. degree continued working under the guidance of the Head of the Department. Of the subjects under investigation mention may be made of the following: (i) Studies in the problem of Moral Education of school going children; (ii) An enquiry into the fundamentals of educational philosophy: Indian and Western.

Sri Mookerjee read a paper on 'Measures for improving Teacher Education in India' before the Teacher Training Section of the XXXII All-India Educational Conference held in Madras in December, 1957. The paper was later published in '*Education*' (Lucknow), Vol. XXXVII, No. 2 (February, 1958). He also published the following articles: (a) Leisure Hour Occupations (*The Bihar Educationist*, Volume V, No. 19, September, 1957); (b) Primary Education in West Bengal (Presidential Address before Nadia District Teachers' Conference); (c) Teacher and Society (*Abhyudaya*, November, 1957).

Sri M. C. Ghose, who has been carrying on investigations in connection with certain problems of Educational Sociology published the following papers: (a) Stanley Hall on primitive man (*The Teachers' Journal*, February, 1958); (b) The march of life through Associations (*The Calcutta Review*, March, 1958); (c) Education and the Standards of Social Progress (*The Calcutta Review*, April, 1958).

Sri G. B. Kapat published a paper on 'Experimental Study of Memory' (*Indian Journal of Psychology*, Vol. XXXI).

Extension lectures were delivered by the following distinguished persons on the topics noted against the names of speakers:

- (i) Dr. Frank Snowden, Dean of the College of Liberal Arts, Howard University, U.S.A.,

(*General Education in the U.S.A.*).

- (ii) Dr. Archie L. Meneal, Director of Libraries, University of Miami, U.S.A.,

(*Libraries in General Education*).

- (iii) Dr. Bijanbehari Bhattacharyya, Lecturer, Calcutta University.



*(Code in Telegraphy in Hindi and Bengali).*

(iv) Sri Satvapriya Roy, General Secretary, All-Bengal Teachers' Association,

*(Education in New China).*

The British Information Services gave an interesting demonstration of educational films to the staff and students of the department. Excursions to places of educational and cultural interest were undertaken as usual, of which mention may be made of the visits to Sarnath, Vindhyachal, Chunar, Sarisha Ramkrishna Mission Ashrama Schools, Survey of India Office, the Indian Museum, Alipore Meteorological Observatory, etc.

### **Department of Journalism**

The present report of this department relates to the period from the 1st June, 1957 to the 31st May, 1958. During the period under review, over and above the general work of the department, some special lectures were arranged for the students of the department.

A reception was arranged on the 7th January, 1958, for Prof. N. V. K. Murthy, Head of the Department, Osmania University, Hyderabad, who was kind enough to pay us a visit with his students. They met the staff and students of this department in the Darbhanga Hall and the occasion gave an opportunity for exchange of ideas and establishment of personal relationships.

Sri S. N. Banerjee, Mg. Director, Clarion Advertising Agency Ltd., Calcutta, kindly met the students on the 1st March, 1958, and gave a talk to them on the methods of advertisement and layout. Mr. Norman Isaacs, editor, Louis Ville Times, U.S.A., and Mr. Roy L. Matson, editor, Wisconsin State Journal, U.S.A., were kind enough to meet our students on the 3rd April, 1958, and delivered lectures on "India in the American Press" and "The Making of an Editorial Policy" respectively. Sri S. Banerjee, Secretary, Advertising Club, Calcutta, kindly met the students on the 12th April, 1958, and gave a talk to them on the methods of advertisement and layout.

### **University Halls and Hostels**

*New Halls & Hostels*—As reported last year the premises No. 45 Beniatola Lane, were not available to start the proposed Hostel for Post-Graduate and Under Graduate Lady Students. The Post-Graduate Lady Students' Hall at Hastings House Compound has been started from 1st July, 1958.

*Concession in seat rent*—(a) Usual concessions were granted to deserving boarders on the recommendation of the authorities concerned and (b) usual stipends were also paid to deserving students belonging to the Scheduled Caste Community residing in the approved Halls and Hostels.

*Inspection & Licence*—Licences were renewed for the session 1957-58, on the report of inspection to 13 non-collegiate hostels including 3 lady students' hostels. Number of seats in these hostels were 630 for boys and 111 for girls.

*Management of the University Halls & Hostels*—For the general supervision of the University Halls and Hostels there is in each Hall and Hostel a Supervising Staff consisting of a Superintendent, an Assistant Superintendent, Steward or Matron and a number of Menial Staff to help the boarders. The boarders get free medical aid and are helped to build a corporate life in the Halls and Hostels. The boarders themselves make arrangements for their own messing in the Hall and Hostel in accordance with the rules framed by the University. The general health of the boarders is reported to be good.

During the Summer and the Puja holidays parties of students from different Universities of India, who visited Calcutta on educational tours, were accommodated in the Hostels as far as practicable.

The want of a suitable hostel for foreign students was keenly felt. Several applications for hostel accommodation from foreign students reading in this University had to be refused. The demand from Indian students for hostel accommodation will be largely met when the 100 seated Post-Graduate Hostel for men students at Hazra Road will be opened in December, 1958.

The Board of Residence & Discipline met 5 times during the year 1957-58.

### University Library

*Accommodation*—There was no improvement of the situation arising out of the problem of accommodation in the University Central Library during the year 1957-58, as no additional accommodation was made available in this period to the library for its ever-increasing number of books and readers. A new plan of the library building was prepared by the architects, Messrs. Ballardie Thompson and Matthews during the year, which was examined by the Library Committee of the University Grants Commission towards the end of the year. Further progress in the matter may be expected after the plan is finally approved. At the request of the University Library Committee the authorities of the University College of Arts promised to release in favour

of the library the remaining rooms except one on the third floor of the Asutosh Building which are at present shared by the Central Library along with the college when the Department of Economics shifts to its new building.

The offer of a gift of the collection of the Maharaja of Cossimbazar made to the University a few years back was withdrawn by the donor as the University could not, for want of accommodation, bring the books down to the University from Cossimbazar during these years.

A known fact may also again be pointed out here. The Library stack room being located on the top floor of the building which is not air-conditioned, the books have been, due to their being exposed to excessive heat in the summer months, fast deteriorating and many of them have already become extremely brittle or damaged in course of the last 23 years. So not only the problem of accommodation for the library but also the question of housing the stock of the library in a quarter suitable for the purpose deserves early attention of the authorities concerned.

*Library Committee*—The Library Committee was reconstituted under the Statutes.

During the year 1957-58, the Committee met 5 times while it met 4 times in the previous year. A revised set of library rules was adopted by the Committee during the year under review.

*Administration*—Sri S. K. Mookerjee, Deputy Librarian officiated as Librarian for 20 days when the Librarian went on leave in March-April, 1958. The Officiating Librarian represented the University Library at the Bengal Library Conference held at Navadwip in April, 1958.

*Library Hours*—As usual the Library remained open from 7 A.M. to 9 P.M. on week days and from 12 noon to 4 P.M. on Sundays all the days in the year except University holidays. During the Pujah holidays the Reading Hall was kept open from 1 P.M. to 8 P.M. daily for 12 days.

*Gift and Accession*—Total addition to the stock of the library during the year 1957-58 was 9,550 vols. against 10,270 vols. in the previous year. The above figure does not include the number of bound vols. of periodicals added to the Library. The usual library Budget grant for books and journals was Rs. 70,000. A sum of Rs. 70,000 was also sanctioned by the University Grants Commission for the purchase of books and journals for the year 1957-58. Out of this grant a sum of Rs. 40,000 was earmarked for books and journals on Scientific and Technical subjects and a sum of Rs. 30,000 for books and journals on Humanities. Intimation was also received during the year from the University Grants

Commission to the effect that a sum of \$20,000.00 had been allotted to this University for the purchase of books and journals out of the India Wheat Loan Educational Exchange Programme for the year 1956-57. Transactions relating to the purchase of books and journals out of the U.G.C. grant and submission of requisitions under Wheat Loan Programme were not completed when the year elapsed.

Of the total vols. added to the library 4,104 (including acquisitions under Wheat Loan Fund) vols. were received as presentation and 71 vols. on exchange of University Publications against 1,721 and 71 vols. respectively in the previous year.

*Periodicals*—The number of periodicals received during the year 1957-58 was 906 against 816 in 1956-57. Of 906 periodicals received 754 were subscribed whereas the number of periodicals subscribed in the previous year was 706. Some 152 journals were received from various sources as gift or on exchange, the number under the same head in the previous year being 110. Of the total number of periodicals 484 were retained in the Central Library against 299 in the previous year and 422 were sent to the various Departmental libraries against 407 in 1956-57.

*Classification and Cataloguing*—The old practice of classifying most of the new accessions according to the Dewey Decimal system and books on Sanskrit and Bengali as well as old serials and Government publications, etc. according to the old schemes continued during the year under review. The usual card catalogue for all publications classified and catalogued during the year was maintained besides the book form of catalogues for books classified according to the old scheme. The book form catalogues for (Lending Section) books on History, Philosophy and Bengali were retyped and cyclostyled as the old copies of them were no longer usable. In all 5,057 vols. of publications were classified under Dewey system of classification and 1,488 vols. under the old schemes of classification. Thus the total number of vols. classified was 6,545, all of which were also catalogued. 18,889 cards were prepared for the books catalogued. The number of vols. classified and catalogued during the year 1956-57 was 3,524 and the number of cards prepared was 12,080.

Progress of the printing of the catalogue of books of the P. C. Ghosh collection was hampered during the year as Dr. S. C. Sengupta intimated his inability to look through the proof of the catalogue after he had gone through a small portion of it. Sri T. N. Sen of the English Department, however, subsequently kindly agreed to undertake the work at the request of the Library Committee.

*Library Cards*—The number of library cards issued to the readers under various categories during the year was 6,325 against 6,199 in the previous year. Of the total cards issued 2,901 were for the Lending Section against 2,894 in 1956-57. The number of Library Deposit Refund cases dealt with was 913 in 1957-58 against 824 in the previous year.

*Library Bulletin*—12 issues of the Library Bulletin giving classified list of monthly additions to the Library were brought out against 11 issues in the previous year.

*Book Binding*—2,613 vols. of books and journals were bound at a cost of Rs. 4,990.28nP. during the year, the corresponding figures for the previous year being 2,676 vols. and Rs. 5,058.50nP. Of the 2,613 vols. of books bound in 1957-58, 2,476 vols. belonged to the Central Library and 137 vols. to the departmental libraries. The corresponding figures of the previous year were 2,508 and 168 volumes respectively. The cost of binding books belonging to the Departmental and seminar libraries was Rs. 378.49nP. in 1957-58 as against Rs. 382.89nP. in the previous year.

*Book Issuc*—During the period under review the number of books and periodicals issued in the Reference Section of the Central Library was 2,40,930 and that in the Lending Section was 50,502. Thus the total number of books issued in the Reference and Lending sections of the Library was 2,91,432 as against 2,54,338 in the previous year.

*Inter-Library Loan*—Under the usual Inter-Library Loan system, the Library borrowed 50 volumes of books and other materials from various libraries and lent out 274 volumes to other libraries and institutions. The corresponding figures in the previous year were 32 and 99 respectively.

*Information Service*—Information service was also maintained all through the year and all enquiries relating to bibliographical matters and various topics were attended to both on the spot and through the post. The Information Service Section was reorganised during the year. A good number of ready reference books were collected and shelved together near the special reading room and an Assistant was placed in charge of them. Answers to the important reference queries were recorded in card form to facilitate future reference to them.

*Department and Seminar Libraries*—Statistical reports for the period under review from 16 departmental and Seminar Libraries out of 22 were received in time for inclusion in this report. Statistics relating to these libraries is given in the Appendix.

According to a decision of the Library Committee several departmental and seminar libraries were inspected by the Deputy Librarian and Assistant Librarians during the year 1957-58.

*Visitors*—Throughout the year under review the library was visited by various parties and individuals both Indian and foreign including Dr. Werner Pischel, son of Dr. Richard Pischel whose rich collection of books is maintained in the library as a special collection under the name, *The 'Pischel-Collection'*.

*Exhibition*—The Library participated in an exhibition on the Revolt of 1857 organised by the National Library, Calcutta in August, 1957. It also participated in a similar exhibition organised by the Asiatic Society earlier. An Exhibition Case was permanently placed during the year under review in the Main Reading Hall for display of rare books, MSS. and other materials from time to time.

*Miscellaneous*—A long-felt want for cool drinking water in the summer was removed to a considerable extent by the installation of a water cooler on the library floor of the Asutosh Building.

*Professional Activities and Achievements of the Staff*—The Librarian, the Deputy Librarian and Assistant Librarian Sri Sibsankar Mitra contributed articles on library and allied matters to several journals, periodicals and newspapers. The Deputy Librarian also submitted a paper on the problem on Indian Surnames to the 3rd Indian Standards Convention held at Madras in December, 1957.

A book under the title *Granthagar Vijan* by Sri S. K. Mookerjee, Deputy Librarian which was reported to be under print in the previous year was published by a local publisher during the year under review. A publication under the title *Granthagar: Pathak o Karmi* by Sri Rajkumar Mukherjee of the Technical Section of the Library was brought out by another local publisher during the year 1957-58.

*Librarianship Training Department*—Three meetings of the Librarianship Training Committee were held during the year 1957-58. 48 students were admitted to the course for the session 1957-58 out of 389 applicants. The number of applicants for admission to the course in the previous year was 358. The number of candidates who appeared at the Diploma in Librarianship Examinations held in August, 1957 and December, 1957 was 22 and 8 respectively and the number of successful candidates in those examinations was 21 and 8 respectively. Of the successful candidates in the August Examination 6 passed in the First Class, 10 in the Second Class and the rest in the Third Class. Of the 8 successful candidates of the December, 1957 Examination, 3 passed in the First Class, 3 in the Second Class and 2 in the Third Class. During the year 1957-58, no decision was taken on the question of introduction of the Librarianship Degree Course.

# APPENDIX

## STATISTICS RELATING TO THE DEPARTMENTAL AND SEMINAR LIBRARIES OF THE CALCUTTA UNIVERSITY

FOR THE YEAR 1957-58

Department	No. of books issued in the Ref. Section	No. of books lent out	No. of stu- dents using the Library	No. of readers other than students.	No. of books added by pur- chase	No. of books added by pre- sentation	No. of periodi- cals received by subscrip- tion	No. of periodi- cals received by exchange/ gift.	No. of books (bound vols. in all as on 31.5.1958.	No. & parti- culars of Library Staff
Botany	1,015	730	63	10	33	41	40	4	4,597	Jr. L. A. 1
Geology	637	1,020	24	10	116	40	..	17	887	...
Applied Chemistry	30,000	7,600	121	70	140	4	38	..	2,582	L. A. 1. Lit. S. S. 1. Bearer 1.
Psychology	886	972	53	9	122	1	29	..	1,416	Libn. 1.
Zoology	1,395	425	52	23	123	25	18	..	8,214	By Lab. staff
Applied Physics	1,966	5,936	87	39	29	75	30	..	3,885	Libn. 1. Lit. bearer 1
Pure Chemistry	21,800	2,767	43	1	200	17	34	1	4,338	Asst. I. L. S. S. 1
Applied Mathematics	..	999	36	90	120	..	23	..	2,132	Office Asstt.
Anthropology	2,399	646	58	1	110	2	16	..	4,150	Office Asstt.
Radiophysics	3,139	2,707	66	5	285	76	26	26	2,100	Jr. L. A. 1. Lit. bear- er 1.
Geography	1,104	2,055	37	5	174	34	55	..	2,071	Lab. staff
Agriculture	43	174	16	14	19	67	14	12	936	No library staff
Pure Mathematics	..	170	..	..	224	..	..	..	850	..
Modern Indian Lan- guages.	36,000	57,600	360	..	..	44	..	..	3,808	..
Education Dept.	125	9,588	270	..	341	..	28	53	1,935	1 Teaching Staff when free from duty. L. S. S. 1.

## VIHARILAL INSTITUTE

The most outstanding event during the period is the expansion and further development of this department into the Viharilal Training College of Home and Social Science consisting of two more sections, *e.g.*, sections for (a) General Intermediate and Degree Course with special bias to Home and Social Science, and (b) Post-Graduate Teachers' Diploma Course in Home Science.

The Viharilal Institute, therefore, provides instruction in the following three courses:—

- (1) Under-Graduate Diploma Course in Home Science entitled as the Diploma in Domestic Science Training Course
- (2) Post-Graduate Diploma Course in Home Science.
- (3) General Intermediate and Degree Course with special bias to Home and Social Science.

The new building of the college at Hastings House compound, the foundation stone of which was laid by Dr. B. C. Roy, the Chief Minister, was inaugurated in 1957 by Dr. J. C. Ghosh, member, Planning Commission, Government of India. The college with its new section started functioning from 15th November, 1957, in the old rented premises of the Viharilal Institute at 45, Beniatola Lane. The new premises of the Viharilal College at Hastings House compound has recently been ready for occupation and the whole Institute with all its different sections except the hostel has been shifted there. The college work was formally started at the new building on 21st July, 1958, when Dr. B. C. Roy, the Chief Minister, Government of West Bengal, Prof. Kabir, the Minister of Scientific Research & Culture, Government of India, and Dr. J. C. Ghosh, member, Planning Commission sent their blessings and good wishes for the prosperity of the Institute.

The Girls' Hostel also (V. L. Mitra Hostel—Domestic Science Training Department Hostel) on the 2nd floor of 45, Beniatola Lane has been further developed and expanded. The whole of the premises there has been converted into the Viharilal College Hostel save one or two rooms on the first floor where Practical Classes in Science are still being held. About 35 students of the Viharilal College have been accommodated there at present.



## BOARD OF HEALTH

During the period under review the Board of Health was responsible for organising and implementing the following activities:—

(1) General Medical Check-up of students (1st, 3rd, and 5th-year).

(2) After-care and follow-up work.

(3) Maintenance of an Eye Clinic.

(4) Inter-Collegiate and Inter-University Youth Festivals.

(5) Organising Labour and Social Service Camps for students.

(6) N. C. C.

(7) Scheme for Apprenticeship Training in Village Development to Selected University Students and Teachers.

(8) Youth Leadership Training Camp for Teachers.

*General Medical Check-up*—During this period the Board examined about 4,000 students (including 700 Women students) of 11 affiliated colleges in and about Calcutta. Each student examined was given a report of his Medical Examination.

*After-care and Follow-up Work*—In addition to the above 183 students were examined by the After-care officer attached to the Board and arrangements were made for admission into the hospital for 90 students, in 11 cases X-ray plates were taken to come to a proper diagnosis; in 12 cases arrangements were made for Dental treatment and in 70 cases the students were examined and advised.

In the Eye-clinic maintained by the Board about 1,800 Dark Room Examinations of vision were carried out and arrangements were made with Optical Firms for supply of about 300 pairs of glasses at concession rate to students. In 26 cases glasses were given free to needy students, the cost being borne by the University.

Under the Patronage of the Vice-Chancellor and Syndicate, the Board has made notable progress towards medical examination and medical attendance for students, and has been planning for establishment of a Polyclinic for student and staff of the University and 4 Health Clinics to render medical relief to students in different parts of the city. Further a scheme for establishing a Mass Miniature Radiography unit and a Dental Clinic for students is under consideration.

*Extra Curricular Activities:—*

*Inter-Collegiate and Inter-University Youth Festival*—In addition to the above activities the Board organised an Inter-Collegiate Youth Festival in which about 500 students from 27

college units participated in the following items:—(1) Arts and Crafts, (2) Dance-classical Solo and Group, (3) Vocal Classical, Solo (Non-classical Vocal) and Instrumental Music, (4) Drama, (5) Radio Play, (6) Hindi Elocution, and (7) Recitation (Bengali and Sanskrit). A contingent consisting of about 60 members including students, selected out of best performers in Inter-Collegiate tests, teachers and accompanists participated in the 4th Inter-University Youth Festival organised by the Ministry of Education, Government of India, New Delhi.

*Labour and Social Service Camps* —The Ministry of Education, Government of India sanctioned three Labour and Social Service Camps to be organised by colleges and sponsored by the Board during the period under consideration.

*N.C.C.*—The Board examined 47 students for physical fitness to be enrolled as cadets in the University Independent Coy (12th Bengal Bn. N.C.C.).

*Scheme for Apprenticeship Training in Village Development to University Students and Teachers* —Under the above scheme the Board selected 146 students and 8 teachers from amongst different affiliated colleges in West Bengal and has arranged for undergoing training in Village Development in different C.D.P. or N.E.S. Blocks under the Development Department, West Bengal.

*Youth Leadership Training Camp for Teachers* —The Board deputed five teachers selected from different affiliated colleges to participate in the Youth Leadership Training Camp to be held at Tara Devi, Simla Hills, organised by the Ministry of Education, Government of India. Such camps are usually organised by the Ministry with a view to giving a short term training to teachers of colleges and Universities in the technique of organising co-curricular activities for students.

### **Appointments and Information Board Students' Advisory Bureau (Overseas)**

This University is the first of its kind in India to establish an Appointments Board as far back as 1937. Our another department under the style Students' Advisory Bureau (Overseas) was established in 1926. These two departments and our "Central Enquiry" were amalgamated and reorganised with the beginning of 1956, when the present Secretary was appointed with added responsibilities. The Board has now the following sections:—

*Appointments Service* —The essential function of this service is to secure employment for University trained (various faculties) students and to arrange practical training facilities in every field of employment as far as possible, besides providing

advice and guidance on careers. The Board is constantly in touch with potential employers, and maintains Registers for qualified candidates and makes recommendations after interviewing candidates to firms when requested.

*Advisory Services.*—This section gives advice to students at any time during and after their University course, and others on all matters concerning employment, careers, etc. This section also offers advice and information to students and the public alike regarding facilities available for higher studies and research in various faculties and for practical training overseas and to secure for them in conjunction with our foreign offices, admission to academic and professional institutions and facilities for practical training in industrial and commercial firms.

*Information Service* —This service provides up-to-date information regarding various courses of studies offered by different Indian Universities and Technical Institutions, various competitive examinations and other recruitments by Government and Semi-Government Departments, etc.

*Enquiry* —There is a Central Information centre for the purpose of supplying information and assistance to the students and the public alike on matters mainly concerning different examinations of this University.

There is a constituted Committee appointed by the Syndicate to supervise the working of this organisation.

The Board's services are being very much widely used now than ever before and the students and guardians are looking to the Secretary for guidance on careers. The Secretary's work is very largely advisory—offering advice and guidance regarding careers and employment to students, guardians and others. It is desirable, and perhaps very important, for the students, to offer advice and guidance rather than just to act as a placing agency.

All the four important Chambers of Commerce in Calcutta were contacted and they all have issued circulars to all their member-firms requesting them to make use of the services of the University Appointments Board. Visits are being made to firms after issuing circular letters or by appointment on the telephone. Endeavours were made to renew contacts with commercial and industrial community and all the firms, we contacted, expressed their willingness to support our Board.

A scheme of further expansion of the activities of the University Appointments Boards has been submitted to the Registrar to be forwarded to the University Grants Commission.

There is more or less no restriction now on the release of foreign exchange facilities for studies—training abroad except a few not very useful subjects.

During the period under review the Appointments and Information Board recommended candidates to twenty-two firms and organisations. The nature of vacancies for which recommendations were made is given in the Appendix attached.

As for the Commissioners for the Port of Calcutta, the Commissioners issued advertisement in the daily papers regarding the recruitments. In the advertisement they directed the candidates to obtain the prescribed application forms from the Appointments Board and to submit the completed applications to the Board. The Board distributed 987 forms to the prospective candidates and actually received back 278 applications. After the preliminary screening on the basis of paper qualifications 111 candidates were selected for interview before the Selection Committee. This Committee interviewed the candidates for three days and selected 29 candidates for recommendation to the Port Commissioners. The recommendations were sent on 25th April, 1958.

During the period under review a good number of people, either the candidates themselves or their guardians, daily came to the office of the Board and consulted the regulations of the different competitive examinations conducted by Union or States Governments. The Board's office was also consulted for different Technical Training facilities in the country.

During the period under review 122 candidates registered their names with the Board for employment. Out of these 30 were Arts graduates, 52 Science graduates, 20 Commerce graduates, 5 Engineering graduates, 2 Medical graduates and 13 Under graduates.

During the period under review 392 applications were received by the Students Advisory Bureau (overseas) for studies training abroad and offers of admission were secured on behalf of 139 students.

*Practical Training in Works*—Six applications were received for training in Netherlands of which four were for ship-building industry. The Netherlands authorities, however, regretted their inability to offer training facilities in the ship-building industry up to the end of 1958. As regards training in Germany we were informed by our Embassy in Bonn that applications for practical training should be forwarded to the Ministry of Commerce and Industry and to the Ministry of Education, Government of India, New Delhi, as in the case of practical training facilities in the U.K.—all applications must be forwarded to the Union Ministry concerned by the Universities.

## APPENDIX

Statement showing the nature of vacancies for which recommendations were made to different firms and organisations :—

<i>Name of Firm</i>	<i>Nature of vacancies</i>
1. Imperial Chemical Industries (India) Private, Ltd. ... ..	Chemists
2. Hindusthan Lever, Ltd. ... ..	Managerial Personnel
3. National Newsprint & Paper Mills, Ltd., Nepanagar ... ..	Engineers.
4. Commissioner of Income Tax, W.B. ... ..	Inspector
5. Anglo India Jute Mills Co., Ltd., ... ..	Labour Officer
6. Burmah Shell Oil Storage & Distributing Co. of India, Ltd. ... ..	Civil Engineer
7. National Tobacco Co., Ltd. ... ..	Assistant Chemist
8. Khaitan Sons & Co. ... ..	Lady Teacher
9. Indian Jute Mills Association Research Institute ... ..	Research Assistants
10. Standard Vacuum Oil Co., Ltd. ... ..	Typist-cum-clerk
11. Kusum Products, Ltd. ... ..	Assistant Production Engineer
12. Standard Vacuum Oil Co., Ltd. ... ..	Assistant
13. New India Assurance Co. ... ..	Agent
14. Java Bengal Line ... ..	Assistant
Inspector of Anglo Indian Schools, W.B. ... ..	Lady Teacher
16. Serampore College ... ..	Professor of English
17. Bose Institute ... ..	Jr. Research Assistant
18. Imperial Chemical Industries ... ..	Veterinary Surgeon
19. Commissioners for the Port of Calcutta ... ..	Traffic Probationers (Shipping)
20. Maharaj Jay Narayan Jibani Sankalan Samity ... ..	Research Assistant
21. Inspector of Anglo Indian Schools, W.B. ... ..	Middle School Master
Indian Oxygen & Acetylene & Co. Private, Ltd. ... ..	Sales Apprentice.

## UNIVERSITY SPORTS BOARD

1. *Inter-Collegiate Tournaments*

*Football.*—During season 1957, 33 colleges participated in the Football league as against 28 in 1956. These colleges were divided into five groups. The following colleges were the winners:—

- Group I—Charuchandra,  
 .. II—Vidyasagar.  
 .. III—Surendranath,  
 .. IV—Bangabasi,  
 .. V—City and R. G. Kar Medical jointly.

In the knockout tournament (Principal Herambachandra Maitra Memorial Shield) 32 colleges participated. For the second-year in succession Asutosh College was the winner with Surendranath College as runner.

*Zonal Tournaments* were held at Burdwan, Birbhum, Midnapore, Bankura and at Jalpaiguri. Midnapore College became the winner in Bankura-Midnapore zone for the third-year in succession.

*Swimming*—Inter-Collegiate Swimming Competition was held at the Azad Hind Bag on the 12th, 13th and 14th September, 1957, and students from Vidyasagar, Post-Graduate, City, Scottish Church, R. G. Kar Medical, Surendranath Commerce, Uluberia, Serampore, St. Paul's, Surendranath and Presidency participated in the competition.\* City College won the Sri Bhupen Basu Challenge Cup for team Championship.

Inter-Collegiate Women's Swimming Competition was held for the first time at the Indian Life Saving Society's pool on the 11th September, 1957, and students from City, Scottish Church, Gokhale Memorial, Institute of Education for Women participated in this competition. Gokhale Memorial Girls' College won the team championship. Sm. Rina Banerjee of the Gokhale Memorial won the individual championship.

*Cricket*.—29 colleges participated in the Inter-Collegiate Cricket league, including Burdwan Raj College, as against 25 in the year 1956-57. Colleges were divided into seven groups. Group winners were as follows:—

- Group I—Vidyasagar,
- „ II—City,
- „ III—C. U. Law,
- „ IV—St. Xavier's,
- „ V—B.E. College,
- „ VI—Asutosh,
- „ VII—Post-Graduate.

In the knockout tournament played among the group winners Calcutta University Law College won with St. Xavier's College as runner.

It may be noted here that the Inter-Collegiate knockout tournament (Principal S. Roy Memorial Shield) could not be held for want of sufficient number of playgrounds necessary to conduct both league and knockout tournaments in course of the time available.

*Cricket Coaching*.—The Cricket Association of Bengal placed the service of Sri D. G. Phadkar, the well known Indian Test Cricketer, at the disposal of the Board for coaching promising young college cricketers. The Board decided to utilise the services of Sri D. G. Phadkar to improve the standard of college cricket by deputing him to colleges, and to have a central coaching net at the University ground. The following colleges received Sri Phadkar's coaching at their college net:—Presidency, St. Xavier's, St Paul's, Vidyasagar, Scottish Church, City,

Bangabasi, Asutosh and Bengal Engineering College. A central coaching centre was opened for three weeks at the University ground (Maidan), for selected students. Excellent work was done by Sri Phadkar with the students, whom he coached for three weeks at the University net; one day coaching at the nine colleges also produced some improvement in the college teams. The Board places on record its sincere appreciation of the services rendered by Sri D. G. Phadkar for the improvement of the standard of cricket among the University and college cricketers. The Board also offers its grateful thanks to the Cricket Association of Bengal for having placed the services of Sri D. G. Phadkar at the disposal of the Board and trusts that the Cricket Association of Bengal will be pleased to extend the same facilities during the next cricket season and that we will be glad to welcome Sri Phadkar at the University net.

*Tennis.*—Inter-Collegiate Tennis Tournament was held on the University ground in December, 1957. St. Xavier's, B.E. College, Serampore, R. G. Kar Medical, City, Presidency, Charuchandra and Calcutta University Law participated in the tournament as against five colleges in the previous year. St. Xavier's College won the Winner Challenge Cup with Presidency College as runner.

*University Athletic Championship* was held on the 28th, 29th and 30th January. 72 students from Scottish Church, Asutosh, City, Sri Shikshayatan, Krishnagar, South Calcutta Girls', Victoria Institution, Loreto, Vidyasagar, Bethune, Maharaja Manindra Chandra College participated. Loreto College won the Sm. Jyotsnamoyee Bose Memorial Cup for team championship and Sm. Sunanda De of Scottish Church College won the Chancellor's Medal as best athlete of the meet. The number of entries showed considerable improvement over last year's figures.

Men's Championship was held on the 29th and 30th January, 1958. 172 students from 30 colleges participated. As usual St. Xavier's College won the St. Xavier's Cup for team championship with a record number of points. Robert Young of St. Xavier's College won the Chancellor's Medal as the best athlete of the meet.

Inter-Collegiate Basketball Tournament was held with seven colleges participating. Charuchandra College won the tournament and B. K. Das Memorial Challenge Cup with Bangabasi College as runner.

Inter-Collegiate Volleyball Tournament was held with thirteen colleges participating. City College won the tournament with Maharaja Manindrachandra College as runner.

*Inter-Collegiate Table Tennis.*—For the first time Inter-Collegiate table tennis tournament for men students was held.

*Hockey*.—22 colleges participated in Inter-Collegiate Hockey league and 21 colleges participated in the knockout tournament.

*Athletic Proficiency Test* was held on the University ground on 18th, 19th, 20th, 21st, 25th, 26th, 27th, 28th March. 109 students appeared in this test.

## 2. *Inter-University Tournaments*

*Inter-University Football*.—The Calcutta University team won the North Zone Championship played at Bareilly for the third year in succession, and also won the All India University Football Championship for the second year in succession, played at Tirupati between the Bombay University, the winner of South Zone and Calcutta University, the winner of North Zone Tournament.

Inter-University Swimming and Waterpolo Championship was held at Calcutta under the auspices of the Board. Calcutta University won the Swimming Championship after a lapse of seven years with Bombay as runner. Calcutta also won the Waterpolo Championship by beating Bombay in the Final.

*Inter-University Tennis Tournament*.—North Zone Tournament was held at Calcutta under the auspices of the Board. 11 Universities participated and Calcutta won the North Zone Tournament by beating Delhi University, the holder of the North Zone title in the Final.

In the championship match between the Calcutta, the winner of the North Zone and Madras, the winner of the South Zone played at Trivandrum, Calcutta lost to Madras.

In the Inter-University Cricket Tournament held at Allahabad, Calcutta lost to Banaras in the first round.

*Inter-University Hockey Tournament*.—Calcutta participated in the Inter-University Hockey Tournament held in January at Saugar and lost to the home team in the first round.

## 3. *Rowing*

Eleven colleges are affiliated to the University Rowing Club with 200 members.

The University Rowing Club organised the following Regatta:—

- (1) Inter-Collegiate League Regatta,
- (2) Inter-Collegiate Sculling Regatta,
- (3) Monsoon Regatta,
- (4) Inter-Varsity Regatta,
- (5) Winter Regatta.



The Rowing Club also participated in the following Regatta:—

- (1) Head of the lake Regatta,
- (2) Inter-Varsity Regatta.

The Inter-Collegiate League Regatta was held in Fours in the month of November, 1957. St. Xavier's College was the winner and Vidyasagar College was the runners-up. In the Inter-Collegiate Sculling Championship Surendranath College was the winner and St. Xavier's College was the runner-up. The Inter-Collegiate Knockout Regatta will be held in the month of May, 1958.

The Monsoon Regatta was held in the month of August, 1957, and old and new oarsmen were mixed together in the crew for the improvement of the standard of rowing and for the benefit of the new members.

The University Rowing Club which participated in the Head of the Lake Regatta, won the Junior Fours clocking a very good time.

In the Inter-Varsity Regatta held in the month of February, 1958, between Jadavpur and Calcutta, Calcutta University was winner in Junior Fours and Pairs and won the Inter-Varsity Trophy.

Another new Regatta was introduced this year called "Winter Regatta". It was held in the month of February, 1958.

The annual function and prize distribution ceremony of the University Rowing Club was held on the 19th February, 1958 at the Club premises and our Chancellor Sm. Padmaja Naidu graced the occasion and distributed the Trophies and the Certificates of Honour.

## CALCUTTA REVIEW

The Calcutta Review is perhaps the oldest journal of its kind in India and has a wide chosen and influential circulation all over the country and abroad. The journal is primarily circulated among University men and men of letters.

The Calcutta Review has enhanced the prestige and the high standard and traditions with which it has been associated since its inception. During the last twelve months we have been able to publish a considerable number of very valuable contributions from some of the most eminent men of India and outside—leaders in the realm of thought and culture, art and literature, education and scholarship, politics and economics and social and business organisation. It will be seen that the Review has been able to give to its readers and subscribers much more than one may get for Rs. 7-8-0 only per annum.

Contributions on subjects of general cultural and education interest as also articles on current political, economic, social, and cultural topics and movements of national and international significance are usually published in the Review. Such articles as indicate a high standard of scholarship and literary excellence are generally preferred.

The Review is under the direct supervision of a strong Board of Editors consisting of scholars of international reputation.

Particular issues of the Review such as the "2nd Five Year Planning" Number were favourably noticed and highly spoken of by some of the influential Weeklies and Dailies throughout India and letters of good wishes were received from several eminent writers testifying to the usefulness of the journal and the high standard it has all along been maintaining in the field of journalism.

About twenty quarterlies (Indian and foreign), twentyfive Monthlies (Indian and foreign), twenty weeklies and several dailies in English and Bengali are received in exchange of the Review. The annual subscriptions of the papers and magazines received in exchange is estimated at Rs. 500.

### CALCUTTA UNIVERSITY PRESS

During the period from 1st June, 1957 to 31st May, 1958, the following books were published by the University in addition to the usual Journals and text books :—

1. অভয়া-মঙ্গল (বিভ্র রামদেব কৃত)—edited by Dr. Asutosh Das, M.A., D.Phil.
2. বিচিত্র চিত্র সংগ্রহ—edited by Amarendranath Roy
3. বাংলা আধ্যাত্মিক কাব্য—by Prabhamayi Devi, M.A., D.Phil.
4. Journal of the Department of Letters (New Series), Vol. I.
5. বাংলা ছন্দের মূলসূত্র (5th edition),—by Amulyadhan Mukherjee, M.A.
6. Calcutta University Act (with amendments up to 30th Nov., 1957).
7. Light and Matter (2nd edition),—by B. M. Sen, M. Sc.
8. A Middle Indo-Aryan Reader, Parts I and II (Second edition)—by Prof. S.K. Chatterji and Prof. Sukumar Sen.
9. পরমহংসের কবচমঙ্গল—edited by Nalininath Das Gupta, M.A.

- 10 শিব-সঙ্কীৰ্তন বা শিবায়ন (ব্রাহ্মেশ্বর-কৃত)—edited by Jogilal Halder, M.A.
11. Srantapatha, Part I, Vol. I (Samhita Text) (A Vedic Reader for M.A. students).
2. শাক্ত পদাবলী (6th edition)—edited by Amarendranath Roy.
13. ত্রীচৈতন্যদেব ও তাঁহার পার্বদগণ—by Girijaprasanna Roy Chowdhury.
14. Towards the Unification of the Faiths (Stephanos Nirmalendu Ghosh Lectures)—by Dr. G. P. Conger.

### Examinations

The following is a statement showing the number of students under different denominations appearing at the Matriculation, Intermediate, B.A. and B.Sc. Examinations of this University in the years 1949, 1950, 1951, 1952, 1953, 1954, 1955, 1956, 1957 and 1958:—

Male	Female	Hindus	Mahomedans	Christians	Other Religions
<b>Matriculation</b>					
<b>1949—(Total No. 33,730)</b>					
29,061	4,669	30,972	2,441	267	50
<b>1950—(Total No. 38,016)</b>					
32,522	5,494	35,456	2,164	256	140
<b>1950—Special—(Total No. 4,629)</b>					
4,135	494	3,944	669	10	6
<b>1951—(Total No. 38,533)</b>					
31,691	6,847	36,388	1,785	229	136
<b>1951—Special—(Total No. 889)</b>					
720	159	647	115	84	43
<b>I.A.</b>					
<b>1949—(Total No. 9,543)</b>					
7,475	2,068	8,922	511	80	30
<b>1950—(Total No. 8,021)</b>					
5,980	2,091	7,440	461	85	35

Male	Female	Hindus	Mahomedans	Christians	Other Religions
<b>1950 (Special July and August combined)</b>					
<b>(Total No. 3,343)</b>					
2,902	441	3,162	164	14	3
<b>1951—(Total No. 10,702)</b>					
8,032	2,670	10,168	373	102	58
<b>1952—(Total No. 8,843)</b>					
6,446	2,397	...	...	...	...
<b>1953—(Total No. 9,946)</b>					
7,202	2,744	...	...	...	...
<b>1954—(Total No. 11,734)</b>					
8,524	3,210	...	...	...	...
<b>1955—(Total No. 15,215)</b>					
11,815	3,900	...	...	...	...
<b>1956—(Total No. 21,716)</b>					
17,973	3,743	...	...	...	...
<b>1957—(Total No. 24,476)</b>					
18,586	5,890	...	...	...	...
<b>1958 (Total No. 30,339)</b>					
21,633	8,066				
<b>I.Sc.</b>					
<b>1949—(Total No. 10,242)</b>					
10,007	235	9,869	289	62	22
<b>1950—(Total No. 9,638)</b>					
9,332	306	9,246	316	45	31
<b>1950 Special—(July and August combined)</b>					
<b>(Total No. 4,342)</b>					
4,282	60	4,173	139	20	10
<b>1951—(Total No. 12,455)</b>					
12,068	417	12,033	286	95	71
<b>1952—(Total No. 10,738)</b>					
10,336	402	...	...	...	...

Male	Female	Hindus	Mahomedans	Christians	Other Religions
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1952—(Special August—41)

41

1953—(Total No. 11,784)

11,339	445	...	...	...	...
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1954—(Total No. 12,904)

12,359	545	...	...	...	...
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1955—(Total No. 13,461)

12,919	542	..	...	...	...
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1956—(Total No. 15,097)

14,457	640	...	...	...	...
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1957—(Total No. 14,587)

13,718	849	...	...	...	...
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1958 (Total No. 15,735)

15,101	634	...	...	...	...
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## B.A

1949—(Total No. 3,073)

2,201	872	2,798	226	39	( )
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1950—(Total No. 3,333)

2,314	1,019	3,059	204	54	16
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1951—(Total No. 3,946)

2,506	1,440	3,749	135	46	16
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1952—(Total No. 3,569)

2,139	1,430	...	...	:	...
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1953—(Total No. 3,535)

2,291	1,244	...	...	...	...
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1954—(Total No. 3,919)

2,445	1,474	...	...	...	...
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1955—(Total No. 4,544)

3,009	1,544	...	...	...	...
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1956—(Total No. 6,920)

4,465	2,455				
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1957—(Total No. 9,187)					
6,983	2,174	...	...	...	...
1958 (Total No. 12,538)					
8,184	4,358	...	...	...	...
B.Sc.					
1949—(Total No. 2,481)					
2,427	54	2,411	46	18	6
1950—(Total No. 3,008)					
2,942	66	2,918	64	19	7
1951—(Total No. 3,601)					
3,518	83	3,526	41	19	15
1952—(Total No. 3,337)					
3,216	121	...	...	...	..
1953—(Total No. 3,867)					
3,685	182	...	...	...	..
1954—(Total No. 3,701)					
3,512	189	...	...	...	....
1955—(Total No. 4,066)					
3,856	200	...	...	...	..
1956—(Total No. 4,720)					
4,493	227	...	...	...	...
1957—(Total No. 5,559)					
5,251	308	...	...	...	...
1958 (Total No. 5,853)					
5,482	371	...	...	...	...

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## APPENDIX A

### THE SYNDICATE

As on 31st May, 1958

- (1) Sri Nirmalkumar Sidhanta, M.A. (Cantab.), *Vice-Chancellor*.
- (2) Sri Satischandra Ghosh, M.A., Treasurer, Calcutta University.
- (3) Dr. D. M. Sen, M.A., Ph.D. (Lond.), Director of Public Instruction, West Bengal.
- (4) Prof. Sisirkumar Mitra, D.Sc., F.N.I., F.R.S., Administrator, Board of Secondary Education, West Bengal.
- (5) Prof. Jitendraprasad Niyogi, M.A., Ph.D. (Lond.), Dean of the Faculty of Arts.
- (6) Prof. Nikhilranjan Sen, D.Sc., Ph.D., F.N.I., Dean of the Faculty of Science.
- (7) Sri Ramaprasad Mookerjee, M.A., LL.B., Dean of the Faculty of Law.
- (8) Dr. Subodh Mitra, M.B. (Cal.), M.D. (Berlin), F.R.C.S. (Edin.), F.R.C.O.G. (Lond.), F.A.C.S., F.N.I., Dean of the Faculty of Medicine.
- (9) Sri Atulchandra Ray, B.Sc. (Hons.) (Glass.), A.M.I.Mech.E., M.I.E. (Ind.), Dean of the Faculty of Engineering.
- (10) Prof. Sarojkumar Basu, M.A., Ph.D., Dean of the Faculty of Commerce.

#### *Elected by the Senate :*

- (11) Sri Kalachand Bandyopadhyay, B.E., C.E., M.I.E. (Ind.).
- (12) Sri Chapalakanta Bhattacharyya, M.A., LL.B., M.P.
- (13) Dr. Binodbihari Datta, M.A., LL.B., Ph.D.
- (14) Sri Bidhubhushan Ghosh, B.E., M.I.E., M.Amer.Soc.R.E., M.Amer.Soc.H.V.E.
- (15) Sri Nandakisor Ghosh, B.A., LL.B. (Leeds), Barrister-at-Law.
- (16) Sri Satyendranath Modak, M.A., B.A. (Cantab.), Barrister-at-Law.
- (17) Sri Someswarprasad Mukhopadhyay, M.A., LL.B.
- (18) Sri Sureschandra Ray, M.A., LL.B.

#### *Elected by the Academic Council :*

- (19) Prof. Pramathanath Banerjee, M.A., B.L., D.Litt., LL.D., Barrister-at-Law, Vidyavachaspati.
- (20) Sri Prasantakumar Basu, M.A. (Cal. & Oxon.), LL.B.
- (21) Prof. Bireschandra Guha, M.Sc., Ph.D., D.Sc. (Lond.), F.N.I.
- (22) Prof. Niharranjan Ray, M.A., D.Lett. & Phil. (Leyden), Dip.Lib. (Lond.), F.L.A., M.P.
- (23) Dr. Gaurinath Bhattacharyya, M.A., D.Litt., Sastri.

## APPENDIX B

## THE SENATE

AS ON 31ST MAY, 1958

*Ex-Officio Members*

- (i) Sm. Padmaja Naidu—*Chancellor*.
- (ii) Sri Nirmalkumar Sidhanta, M.A. (Cantab.)—*Vice-Chancellor*.
- (iii) Sri Satischandra Ghosh, M.A.—*Treasurer*.
- (iv) The Director of Public Instruction, West Bengal.
- (v) The President, Board of Secondary Education, West Bengal.
- (vi) *University Professors*—
  1. Prof. Subodhnath Bagchi, D.Sc.
  2. Prof. Debendranath Banerjee, M.A.
  3. Prof. Jitendranath Banerjee, M.A., Ph.D.
  4. Prof. Pramathanath Pandeyopadhyay, M.A., B.L., D.Litt., LL.D.,  
Barriester-at-Law, Vidyavachaspati.
  5. Prof. Jogendrachandra Bardhan, D.Sc. (Cal. and Lond.).
  6. Prof. Sarojkumar Basu, M.A., Ph.D.
  7. Prof. Jnanendraial Bhaduri, M.Sc. (Cal.), D.Sc. (Edin.), F.N.I.,  
F.A.S., F.Z.S.I., F.A.Z.
  8. Prof. Jatindranath Bhar, D.Sc.
  9. Prof. Asutosh Bhattacharyya, M.A., Ph.D., Sastri.
  10. Prof. Nirmalnath Chatterjee, M.Sc.
  11. Prof. Sivaprasad Chatterjee, M.Sc., T.D. (Lond.), Ph.D. Educ.  
(Lond.), D.Litt. (Paris), F.G.S.
  12. Prof. Kshitiprasad Chattopadhyay, M.Sc. (Cantab.), F.N.I.
  13. Prof. Niraj Nath Dasgupta, M.Sc., Ph.D. (Lond.).
  14. Prof. Sasibhusan Dasgupta, M.A., Ph.D.
  15. Prof. Nalinaksha Datta, M.A., Ph.D., D.Lit. (Lond.).
  16. Prof. Bhupendranath Ghosh, D.Sc.
  17. Prof. Bireschandra Guha, M.Sc., Ph.D., D.Sc. (Lond.), F.N.I.
  18. Prof. Subritchandra Mitra, M.A., D.Phil. (Leipzig), F.N.I.
  19. Prof. Muhammad Zubair Siddiqi, M.A., LL.B., Ph.D. (Cantab.).
  20. Prof. Basantidulal Nagchaudhuri, M.Sc., Ph.D.
  21. Prof. Jitendraprasad Niyogi, M.A., Ph.D. (Lond.).
  22. Prof. Niharranian Ray, M.A., D.Litt. & Phil. (Leyden), Dip.Lib.  
(Lond.), F.L.A., M.P.
  23. Prof. Makhanlal Raychaudhuri, M.A., LL.B., D.Litt., Sastri.
  24. Prof. Bijalibihari Sarkar, D.Sc., F.R.S.E.
  25. Prof. Palibihari Sarkar, M.Sc., Dr.-es-Sc., F.N.I., A.I.C.
  26. Prof. Nikhiltanjan Sen, D.Sc., Ph.D., F.N.I.
  27. Prof. Pabitrakumar Sen, M.Sc., Ph.D. (Lond.), D.I.C.
  28. Prof. Rabinranath Sen, M.A., Ph.D. (Edin.), F.N.I.



29. Prof. Sukumar Sen, M.A., Ph.D.
30. Prof. Anantakumar Sengupta, D.Sc., A.M.I.E.E.
31. Prof. Narendrakrishna Sinha, M.A., Ph.D.
32. Prof. Miss Amy Geraldine Stock, B.A. (Oxon.), Dip.-in-Edn. (Oxon.).

(vii) *University Readers who are Heads of Departments of Teaching—*

1. Dr. Prabanta Banerjee, D.Sc., F.N.I., F.L.S., F.A.Sc.
  2. Dr. Pareschandra Bhattacharyya, D.Sc.
  3. Dr. Purvendukumar Basu, M.Sc., D.Phil.
  4. Sri Kamalakanta Moskerjee, M.A., B.T., Dip. Sp. Eng.
- (viii) The President, Bangiya Sahitya Parishad.
- (ix) The Director, Bose Institute.
- (x) The President, Indian Association for the Cultivation of Science.
- (xi) The President, National Council of Education, Jadavpur.
- (xii) The President, Royal Asiatic Society of Bengal.
- (xiii) The President, Vangiya Sanskrita Siksha Parishat.
- (xiv) The Chairman, West Bengal Board of Madrasa Education.
- (xv) *Life Members :—*

1. Sri Lalitmohan Banerjee, M.S. (Cal.), F.R.C.S. (Eng.).
2. Dr. Sambhunath Banerjee, M.Sc., LL.D., Barrister-at-Law.
3. Dr. Radhabinod Pal, M.A., LL.D.
- \*4. Dr. Bidhanchandra Roy, B.A., M.D., D.Sc., M.R.C.P. (Lond.), F.R.C.S. (Eng.), F.S.M.F. (Bengal).
5. Vacant.

(xvi) *Elected by the Principals of Constituent Colleges :—*

1. Dr. Gaurinath Bhattacharyya, M.A., D.Litt., Sastri.
2. Vacant.
3. Vacant.

(xvii) *Elected by the Principals of Affiliated Colleges :—*

1. Sri Amitesachandra Bandyopadhyay, M.A.
2. Dr. Anilchandra Bandyopadhyay, M.A., Ph.D.
3. Sri Prasantakumar Basu, M.A., LL.B. (Cal.), B.A. (Oxon.).
4. Sri Aniyabhusan Chakrabarti, M.A.
5. Sm. S. E. Rani Ghosh, M.A., B.T., T.D. (Lond.), F.R.G.S.
6. Sri Nepalchandra Ray, M.Sc.
7. Sri Ramanimohan Ray, M.Sc.
8. Sri Aniyakumar Sen, M.A.
9. Sri Khagendranath Sen, M.A.
10. Sri Arunkumar Sengupta, M.A.

(xviii) *Elected by the Principals of Professional Colleges :—*

1. Sri Kumarnath Pagchi, B.Sc., M.B., D.T.M. (Cal. & Liverpool), F.R.I.C. (Lond.), F.N.I.
2. Sri Mani Bandyopadhyay, M.Sc.

\* Also an *ex-officio* member.

3. Sm. Nalini Das, M.A.
4. Sri Ajitkumar Dattagupta, M.B., D.T.M.
5. Sri Kartikchandra Mukhopadhyay, M.Sc. M.R.C.V.S.
6. Sri Atulchandra Ray, B.Sc. (Glas.), M.I.F. (Ind.), A.M.I.Mech.E.
7. Sri Dwijendranath Ray, M.Sc., B.L., B.T. (Dac.), M.A. in Edn. (Lond.).

(xix) *Elected by the Teachers of the University :—*

1. Sri Jyotischandra Bandyopadhyay, M.A.
2. Dr. Minendranath Basu, M.Sc., D.Phil.
3. Dr. Bijanbihari Bhattacharyya, M.A. D.Phil.
4. Dr. Girindranath Bhattacharyya, D.Sc., F.Inst.P. (Lond.), A.M.I.E.E. (N.Y).
5. Sri Nirmalchandra Bhattacharyya, M.A., LL.B., M.L.C.
6. Dr. Manindramohan Chakrabarti, M.Sc. (Cal.), Ph.D. (Liverpool).
7. Sri Tripurari Chakrabarti, M.A.
8. Dr. (Mrs.) Asima Chattopadhyay, D.Sc.
9. Sm. Jyotiprabha Dasgupta, M.A., B.T., T.D. (Lond).
10. Sri Krishnagopal Goswami, M.A., Sastri, Smritimimansatirtha.
11. Sri Hirendramohan Majumdar, M.Sc. LL.B., F.S.A.A., F.O.A.
12. Sri Durgadas Mukhopadhyay, M.Sc.
13. Sri Dwijendrakumar Sanyal, M.A., B.Com.
14. Dr. Dwijendrabind Sinha, M.Sc., Ph.D.
15. Sri Amulyachandra Ukil, M.B. (Cal.), M.S.P.E. (Paris), F.C.C.P. (Emeritus), F.S.M.F., F.A.S., F.N.I.

(xx) *Elected by the Teachers of Constituent Colleges :—*

1. Sri Santoshkumar Ray, M.Sc.
2. Dr. Rajendralal Sengupta, M.Sc., Ph.D. (Lond.).
3. Vacant.

(xxi) *Elected by the Teachers of Affiliated Colleges :—*

1. Sri Jagadischandra Bhattacharyya, M.A.
2. Sri Janardan Chakrabarti, M.A.
3. Sri Rajkumar Chakrabarti, M.A., LL.B.
4. Sm. Alaka Majumdar, M.A.
5. Sri Hirendranath Mukhopadhyay, M.A., B.Litt. (Oxon.), M.P.
6. Sri Dhirendrachandra Ray, M.Sc.
7. Sri Arunkumar Sen, M.A., M.Sc. (Econ), (Lond.), Barrister-at-Law.

(xxii) *Elected by the Teachers of Professional Colleges :—*

1. Sri Jogeschandra Bandyopadhyay, M.B. (Cal.), M.R.C.P. (Lond.), M.R.C.S. (Eng.).
2. Sri Anantosh Chakrabarti, M.A., LL.B.
3. Dr. Baradananda Chattopadhyay, D. Sc.
4. Sri Hirendrakumar Chattopadhyay, M.B., D.A.E., (Paris), F.R.S.M. (Lond.).
5. Sri Purnendukumar Chattopadhyay, M.B., M.R.C.P.
6. Sri Santoshkumar Chattopadhyay, B.Sc., M.B., F.R.C.S., D.L.O. (Lond.).
7. Sri Bhupalkrishna Datta, B.E. (Cal.), M.Sc. (U.S.A.).
8. Dr. Sunilkishna Datta, M.D.
9. Sri Chinmayananda Ghosh, M.B., M.O.
10. Dr. Amiyabhushan Mukhopadhyay, M.D., M.R.C.P. (Lond.).

(xxiii) *Elected by the members of the Governing Bodies of Colleges situated within Calcutta :—*

1. Sri Satyendranath Modak, M.A., B.A. (Cantab.), Barrister-at-Law.
2. Sri Ramaprasad Mukhopadhyay, M.A., LL.B.

(xxiv) *Elected by the members of the Governing Bodies of Colleges situated within the Presidency Division :—*

1. Dr. Binodbihari Datta, M.A., LL.B., Ph.D.
2. Sri Jagadishchandra Sinha, B.A.

(xxv) *Elected by the members of the Governing Bodies of Colleges situated within the Burdwan Division :—*

1. Dr. Srikumar Bandyopadhyay, M.A., LL.B., Ph.D.
2. Sri Himansubhushan Sarkar, M.A.

(xxvi) *Elected by the members of the Legislative Assembly, West Bengal :—*

1. Sri Hansadhwaj Dhara, M.L.A.
2. Sri Bijaysingh Nahar, B.A., M.L.A.

(xxvii) *Elected by the members of the Legislative Council, West Bengal :—*

1. Sri Rabindralal Sinha, M.L.C.

(xxviii) *Elected by the Registered Graduates :—*

1. Sri Kalachand Bandyopadhyay, B.E., C.E., M.I.E. (Ind.).
2. Sri Saritkumar Bandyopadhyay, B.A., B.L.
3. Sri Sudhansumohan Bandyopadhyay, M.A., B.L.
4. Sri Asimkumar Basu, B.E.
5. Dr. Atindranath Basu, M.A., Ph.D.
6. Sri Chopalakanta Bhattacharyya, M.A., LL.B., M.P.
7. Sri Nirodkumar Bhattacharyya, M.A.
8. Sri Saktipada Bhattacharyya, M.B., D.C.H. (Lond.).
9. Sri Asokkrishna Datta, M.A., LL.B.
10. Sri Bidhubhushan Ghosh, B.E., M.I.E., M.Amer.Soc. R.E., M.Amer.Soc.H.V.E.
11. Sri Nandakishor Ghosh, B.A., LL.B. (Leeds), Barrister-at-Law.
12. Sri Taritkumar Ghosh, B.Sc., M.B.
13. Sri Sachindranarayan Guha, B.Sc.
14. Sri Subalcharan Law, M.B., T.D.D. (Wales), F.C.C.P. (U.S.A.).
15. Sri Rebatiraman Manna, M.A., LL.B.
16. Sri Pashupatinath Mitra, B.A.
17. Dr. Subodh Mitra, M.B. (Cal.), M.D. (Berlin), F.R.C.S. (Edin.), F.R.C.O.G. (Lond.), F.N.I., F.A.C.S.
18. Sri Anarnath Mukhopadhyay, M.B.
19. Sri Someswarprasad Mukhopadhyay, M.A., LL.B.
20. Sri Salilkumar Raychaudhuri, M.Sc., LL.B., Barrister-at-Law.
21. Sri Amiyakumar Sen, M.B. (Cal.), D.P.H. (Lond.), F.R.C.S. (Eng.).
22. Sri Buddhadeb Sen, B.E.
23. Sri Sibendranath Sen, B.E.
24. Dr. Bibekmohan Sengupta, M.B. (Cal.), M.D. (Freiburg).
25. Sri Himansukumar Sett, M.B., F.R.C.S.

(xxix) *Nominated members :—*

1. Sri Sankardas Bandyopadhyay, Barrister-at-Law.
2. Sri Akshoykumar Bose, B.E., C.E., M.I.E., M.I.S.
3. Lt. General D. N. Chakravarti, M.B.B.S., D.T.M. & H., D.B.S., F.N.I.
4. Sm. Labanyaprabha Datta, M.L.C.
5. Mr. L. J. Goddard, M.A. (Cantab.), O.B.E.
6. Sri Kaliprasad Khaitan, M.A., LL.B., Barrister-at-Law.
7. Sri Dhirendranath Mitra, LL.B.
8. Sri Arunkumar Mukhopadhyay, Barrister-at-Law.
9. Captain P. B. Mukhopadhyay, B.Sc., M.B. (Cal.), F.R.C.S. (Edin.), D.M.R.E. (Cantab.), F.F.R. (Lond.), F.I.C.S., F.S.M.F.
10. Sm. Ranu Mukhopadhyay.
11. Sri Sailakumar Mukhopadhyay, LL.B., Attorney-at-Law.
12. Sri Gourinohan Ray, M.B., M.R.C.P.
13. Sri Sureschandra Ray, M.A., LL.B.
14. Dr. Hemnath Sanyal, M.A., Ph.D. (Lond.), Barrister-at-Law.
15. Dr. Triguna Sen, Dr.Ing. (Munich), A.M.M.E. (B.Tech.), M.I.E. (Ind.).

## APPENDIX C

### THE ACADEMIC COUNCIL

Under the Calcutta University Act, 1951

As on 31st May, 1958

#### *Ex-officio Members*

- (i) The Vice-Chancellor.
- (ii) The Deans of the Faculties.
  1. Professor Pabitrakumar Sen, M.Sc., Ph.D. (Lond.), D.I.C., Dean of the Faculty of Agriculture.
  2. Professor Jitendraprasad Niyogi, M.A., Ph.D. (Lond.), Dean of the Faculty of Arts.
  3. Professor Sarojkumar Basu, M.A., Ph.D., Dean of the Faculty of Commerce.
  4. Professor Sivaprasad Chatterjee, M.Sc., T.D. (Lond.), Ph.D.Educ. (Lond.), D.Litt. (Paris), F.G.S., Dean of the Faculty of Education.
  5. Sri Atulchandra Ray, B.Sc. (Hons.) (Glas.), A.M.I.Mech.E., M.I.E. (Ind.), Dean of the Faculty of Engineering.
  6. Professor Niharrajan Ray, M.A., D.Litt. & Phil. (Leyden), Dip.Lib. (Lond.), F.L.A., M.P., Dean of the Faculty of Fine Arts and Music.
  7. Dr. Anilchandra Banerjee, M.A., Ph.D., Dean of the Faculty of Journalism.
  8. Sri Ramaprasad Mookerjee, M.A., LL.B., Dean of the Faculty Law.
  9. Dr. Subodh Mitra, M.B. (Cal.), M.D. (Berlin), F.R.C.S. (Edin.), F.R.C.O.G. (Lond.), F.A.C.S., F.N.I., Dean of the Faculty of Medicine.
  10. Professor Nikhilranjan Sen, D.Sc., Ph.D., F.N.I., Dean of the Faculty of Science.
  11. Professor Bireschandra Guha, M.Sc., Ph.D., D.Sc. (Lond.), F.N.I., Dean of the Faculty of Technology.
  12. Capt. Phanibhushan Mukherjee, B.Sc., M.B. (Cal.), F.R.C.S. (Edin.), D.M.R.F. (Camb.), F.F.R. (Lond.), F.I.C.S., F.S.M.F., Dean of the Faculty of Veterinary Science.
- (iii) The Director of Public Instruction, West Bengal.
- (iv) The President. Board of Secondary Education, West Bengal.
- (v) *University Professors*—
  1. Professor Subodhnath Bagchi, D.Sc.
  - 1A. Professor Debendranath Banerjee, M.A.
  2. Professor Jitendranath Banerjee, M.A., Ph.D.
  3. Professor Pramathanath Bandyopadhyay, M.A., B.L., D.Litt., LL.D., Barrister-at-Law, Vidyavachaspati.
  4. Professor Jogendrachandra Bardhan, D.Sc. (Cal. & Lond.).
  - \*5. Professor Sarojkumar Basu, M.A., Ph.D.
  6. Professor J. N. Bhar, D.Sc.,

\*Also an *ex-officio* member as Dean of a Faculty.

7. Professor Jnanendralal Bhaduri, D.Sc. (Edin.), F.N.I., F.A.S., F.Z.S.I., F.A.Z.
8. Professor Asutosh Bhattacharyya, M.A., Ph.D., Sastri.
9. Professor Nirmalnath Chatterjee, M.Sc.
- \*10. Professor Sivaprasad Chatterjee, M.Sc., T.D. (Lond.), Ph.D. (Educ.) (Lond.), D.Litt. (Paris), F.G.S.
11. Professor Kshitishprasad Chattopadhyay, M.Sc. (Cantab.), F.N.I.
12. Professor Niraj Nath Dasgupta, M.Sc., Ph.D. (Lond.).
13. Professor Sashibhushan Dasgupta, M.A., Ph.D.
14. Professor Nalinaksha Datta, M.A., Ph.D., D.Litt. (Lond.).
15. Professor Bhupendranath Ghosh, D.Sc.
- \*16. Professor Bireschandra Guha, M.Sc., Ph.D., D.Sc. (Lond.), F.N.I.
17. Professor Sulritchandra Mitra, M.A., D.Phil. (Leipzig), F.N.I.
18. Professor Muhammad Zubair Siddiqi, M.A., LL.B., Ph.D. (Cantab.).
19. Professor Basantidulal Nagchaudhuri, M.Sc., Ph.D.
- \*20. Professor Jitendraprasad Niyogi, M.A., Ph.D. (Lond.).
- \*21. Professor Niharranjan Ray, M.A., D.Litt. & Phil. (Leyden), Dip.Lib. (Lond.), F.L.A., M.P.
22. Professor Makhaulal Raychaudhuri, M.A., B.L., D.Litt., Sastri.
23. Professor Bijalibihari Sarker, D.Sc., F.R.S.E.
24. Professor Pulinbihari Sarkar, M.Sc., Dres. Sc., F.N.I., A.I.C.
- \*25. Professor Nikhilranjan Sen, D.Sc., Ph.D., F.N.I.
- \*26. Professor Pabitrakumar Sen, M.Sc., Ph.D. (Lond.), D.I.C.
27. Professor Rabindranath Sen, M.A., Ph.D., F.N.I.
28. Professor Sukumar Sen, M.A., Ph.D.
29. Professor Anantakumar Sengupta, D.Sc., A.M.I.E.E.
30. Professor Narendrakrishna Sinha, M.A., Ph.D.
31. Professor Miss A. G. Stock, B.A. (Oxon.), Dip.-in-Edn. (Oxon.).

(vi) *University Readers who are Heads of Departments of Teaching—*

1. Dr. Ilabanta Banerjee, D.Sc., F.N.I., F.L.S., F.A.Sc.
2. Dr. Purnendukumar Bose, M.Sc., D.Phil.
3. Dr. Pareschandra Bhattacharyya, D.Sc.
4. Sri Kamalukanta Mookerjee, M.A., B.T., Dip.Sp.-Eng.

(vii) *Principals of Constituent Colleges—*

1. Principal, Presidency College.
2. Principal, Sanskrit College.
3. Principal, Medical College.
4. Principal, R. G. Kar Medical College.
- \*5. Principal, B. E. College.
6. Principal, David Hare Training College.
7. Director, All-India Institute of Hygiene and Public Health.

### OTHER MEMBERS

(viii) *Elected by the Principals of Affiliated Colleges—*

- \*1. Dr. Anilchandra Bandyopadhyay, M.A., Ph.D.
2. Sri Prasantakumar Basu, M.A. (Cal. & Oxon.), LL.B.
3. Sri Ramanimohan Ray, M.Sc.
4. Sri Amiyakumar Sen, M.A.

\*Also an *ex-officio* member as Dean of a Faculty.

(ix) *Elected by the Principals of Professional Colleges—*

1. Sri. Nalini Das, M.A.
2. Sri Prabodhchandra Ghosh, M.A.

(xi) *Elected by the Teachers of Constituent Colleges—*

1. Dr. Bhabatosh Datta, M.A., Ph.D.
2. Dr. Pratulchandra Rakshit, M.Sc., Ph.D.
3. Sri Jitendranath Rudra, M.Sc.

(xii) *Elected by the Teachers of Affiliated Colleges—*

1. Sri Keshaveswar Basu, M.A., Dip.in-Edn. (Leeds).
2. Sri Jagadishchandra Bhattacharyya, M.A.
3. Sri Rajkumar Chakrabarti, M.A., LL.B.
4. Sri Haraprasad De, M.Sc.

(xiii) *Elected by the Senate—*

1. Sri Kalachand Pandeyadhyay, B.E., C.E., M.I.E. (Ind.).
2. Dr. Binodbihari Datta, M.A., LL.B., Ph.D.
3. Sri Bidhubhushan Ghosh, B.E., M.I.E., M.Amer.Soc.R.E.,  
M.Amer.Soc.H.V.E.
4. Sri Nandakisor Ghosh, B.A., LL.B. (Leeds), Barrister-at-Law.
5. Sri Subalcharan Law, M.B. (Cal.), T.D.D. (Wales), F.C.C.P.  
(U.S.A.).
6. Sri Satyendranath Modak, M.A., B.A. (Cantab.), Barrister-at-Law.
- \*7. Sri Ramaprasad Mookerjee, M.A., LL.B.
8. Sri Someswarprasad Mukhopadhyay, M.A., LL.B.

---

\*Also an *ex-officio* member as Dean of a Faculty.

## APPENDIX D

## FACULTIES

AS ON 31st May. 1958

## (I) FACULTY OF AGRICULTURE

- Prof. Pabitrakumar Sen, M.Sc., Ph.D. (Lond.), D.I.C.—*Dean*.  
 Dr. Ilabanta Banerjee, D.Sc., F.N.I., F.L.S., F.A.Sc.  
 Dr. Purnendrakumar Basu, M.Sc., D.Phil.  
 Prof. Jnanendralal Bhaduri, D.Sc. (Edin.), F.N.I., F.A.S., F.Z.S.I., F.A.Z.  
 Prof. Bhupendranath Ghosh, D.Sc.  
 Prof. Bireschandra Guha, M.Sc., Ph.D., D.Sc. (Lond.), F.N.I.  
 Sri Jitendranath Rudra, M.Sc.  
 Dr. D. M. Sen, M.A., Ph.D. (Lond.).  
 \*Dr. Jitendrakumar Chandhuri, M.Sc. (Cal.), Ph.D. (B'ham.).  
 \*Sri Durgadas Mukhopadhyay, M.Sc.  
 †Sri Indubbhushan Chatterjee, M.Sc. (Agriculture).  
 †Sri D. N. Mitra, M.A.

## (II) FACULTY OF ARTS

- Prof. Jitendraprasad Niyogi, M.A., Ph.D. (Lond.)—*Dean*.  
 Dr. Anilchandra Banerjee, M.A., Ph.D.  
 Prof. Debendranath Banerjee, M.A.  
 Prof. Jitendranath Banerjee, M.A., Ph.D.  
 Prof. Brahmathanath Banerjee, M.A., B.L., D.Litt., LL.D., Barrister-at-Law, Vidvacharya.  
 Sri Prasantakumar Bose, M.A. (Cal. & Oxon.), LL.B.  
 Prof. Sarojkumar Basu, M.A., Ph.D.  
 Prof. Asutosh Bhattacharyya, M.A., Ph.D., Sastri.  
 Dr. Gaurinath Bhattacharyya, M.A., D.Litt., Sastri.  
 Sri Jagadishchandra Bhattacharyya, M.A.  
 Sri Rajkumar Chakrabarti, M.A., LL.B.  
 Prof. Sasibhushan Dasgupta, M.A., Ph.D.  
 Dr. Bhabatosh Datta, M.A., Ph.D.  
 Dr. Binodbihari Datta, M.A., LL.B., Ph.D.  
 Prof. Nalinaksha Datta, M.A., Ph.D., D.Litt. (Lond.).  
 Sri Nandakishore Ghosh, B.A., LL.B. (Icads), Barrister-at-Law.  
 Sri Prabodhchandra Ghosh, M.A.  
 Sri Satyendranath Modak, M.A., B.A. (Cantab.), Barrister-at-Law.  
 Sri Ramaprasad Mookerjee, M.A., LL.B.  
 Sri Someswarprasad Mukhopadhyay, M.A., LL.B.  
 Prof. Muhammad Zubair Siddiqi, M.A., LL.B., Ph.D. (Cantab.).  
 Prof. Niharvanjan Ray, M.A., D.Litt. & Phil. (Leyden), Dip.Lib (Lond.), F.L.A., M.P.  
 Prof. Makhanlal Raychaudhuri, M.A., LL.B., D.Litt., Sastri.  
 Sri Amiyakumar Sen, M.A.  
 Prof. Babindranath Sen, M.A., Ph.D. (Edin.), F.N.I.  
 Prof. Sukumar Sen, M.A., Ph.D.  
 Prof. Narendrakrishna Sinha, M.A., Ph.D.  
 Prof. Miss A. G. Stock, B.A. (Oxon.), Dip.in-Edn. (Oxon.).  
 \*Dr. Bijanbihari Bhattacharyya, M.A., D.Phil.  
 \*Sri Nirodkumar Bhattacharyya, M.A.

\*Member under clause 4(2)(b) of the Statutes.

†Member under clause 4(2)(c) of the Statutes.



- \*Sri Tripurari Chakrabarti, M.A.
- \*Sri Krishnagopal Goswami, M.A., Sastri, Smriti-Mimamsatattva
- \*Dr. Satyendranath Sen, M.A., Ph.D. (Lond.).
- †Sri Saritkumar Bandyopadhyay, B.A., LL.B.
- †Dr. Srikumar Banerjee, M.A., LL.B., Ph.D.

## (III) FACULTY OF COMMERCE

- Prof. Sarojkumar Basu, M.A., Ph.D.—*Dean*.
- Dr. Anilchandra Banerjee, M.A., Ph.D.
- Sri Keshaveswar Bose, M.A., Dip.-in-Edn. (Leeds).
- Sri Prasantakumar Bose, M.A. (Cal. & Oxon.), LL.B.
- Dr. Bhabalosh Datta, M.A., Ph.D.
- Sri Prabodhchandra Ghosh, M.A.
- Sri Someswarprasad Mukhopadhyay, M.A., LL.B.
- Prof. Jitendraprasad Niyogi, M.A., Ph.D. (Lond.).
- \*Sri Dwijendrakumar Sanyal, M.A., B.Com.
- \*Sri Arunkumar Sen, M.A., M.Sc.Econ. (Lond.), Barrister-at-Law.
- †Sri G. Basu, B.A., F.S.A.A., F.C.A., F.C.I.S., F.I.C.W.A.
- †Sri Sureschandra Ray, M.A., LL.B., J.P.

## (IV) FACULTY OF EDUCATION

- Prof. Sivaprasad Chatterjee, M.Sc., T.D. (Lond.), Ph.D.Educ. (Lond.).  
D.Litt. (Paris), F.G.S.—*Dean*.
- Prof. Prannathanath Banerjee, M.A., B.L., LL.D., D.Litt., Barrister.  
at-Law, Vidyavachaspati.
- Sri Keshaveswar Bose, M.A., Dip.-in-Edn. (Leeds).
- Sm. Nalini Das, M.A.
- Prof. Subritchandra Mitra, M.A., D.Phil. (Leipzig), F.N.I.
- Sri Karnalakanta Mookerjee, M.A., B.T., Dip.-Sp.-Eng.
- Sri Ramaprasad Mookerjee, M.A., LL.B.
- Sri Dwijendranath Ray, M.Sc., B.L. (Cal.), B.T. (Dac.), M.A. in Edn.  
(Lond.).
- \*Dr. Bijanbihari Bhattacharyya, M.A., D.Phil.
- \*Sm. Jyotiprabha Dasgupta, M.A., B.T., T.D. (Lond.).
- †Dr. Mrs. Phulrenu Guha, M.A. (Cal.), D.Litt. (Paris).
- †Sri Sailendranath Mitra, M.A.

## (V) FACULTY OF ENGINEERING

- Sri Atulchandra Ray, B.Sc. (Glas.), A.M.I.Mech.E., M.I.E. (Ind.)—  
*Dean*.
- Sri Kalschand Banerjee, B.E., C.E., M.I.E. (Ind.).
- Prof. Jatindranath Bhar, D.Sc.
- Prof. Nirmalnath Chatterjee, M.Sc.
- Sri Bidhubhushan Ghosh, B.E., M.I.E., M.Amer.Soc.R.E., M.Amer.Soc.-  
H.V.E.
- Prof. Anantakumar Sengupta, D.Sc., A.M.I.E.E.
- \*Sri Nareschandra Bose, B.E., C.E., A.M.I.E.
- \*Dr. Subodhkumar Chakrabarti, D.Sc., F.N.I.
- \*Dr. Baradananda Chattopadhyay, D.Sc.
- \*Sri Bhupaticath Chaudhuri, B.E., M.I.E.
- \*Sri Bhupalkrishna Datta, B.E. (Mech.), M.Sc. (Wis., U. S. A.),  
A.M.I.E. (Ind.).
- \*Sri S. N. Ray, B.Sc. (Hons.) (Glas.), A.M.I.E.
- †Sri Asimkumar Basu, B.E., A.M.I.E.
- †Sri R. G. Mukherjee, M.Sc., M.I.E.E. (Lond.), Mem.A.I.E.E. (N.Y.).
- †Dr. Triguna Sen, Dr. Eng. (Munich), M.I.E.

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\*Member under clause 4(2)(b) of the Statutes.

†Member under clause 4(2)(c) of the Statutes.

## (VI) FACULTY OF FINE ARTS AND MUSIC

- Prof. Niharranjan Ray, M.A., D.Lett. & Phil. (Leyden), Dip.Lib. (Lond.), F.L.A., M.P.—*Dean*.  
 Prof. Jitendranath Banerjee, M.A., Ph.D.  
 Sri Jagadishchandra Bhattacharyya, M.A.  
 Sri Bidhuphushan Ghosh, B.E., M.J.E., M.Amer.Soc.R.E., M.Amer.Soc.-H.V.E.  
 Sri Nankukishore Ghosh, B.A., LL.B. (Leeds), Barrister-at-Law.  
 Prof. Sukumar Sen, M.A., Ph.D.  
 \*Sri Nanigopal Banerjee, Sangitvisharad.  
 \*Dr. Mrs. Sati Ghosh, M.A., D.Phil.  
 \*Sri Jatindramohan Majumdar, M.A.  
 \*Dr. Bibekmohan Sengupta, M.B. (Cal.), M.D. (Frieburg).  
 † Dr. Srikumar Banerjee, M.A., LL.B., Ph.D.  
 † Sm. Ranu Mukhopadhyay.

## (VII) FACULTY OF JOURNALISM

- Dr. Anilchandra Banerjee, M.A., Ph.D.—*Dean*.  
 Sri Kesuveswar Basu, M.A., Dip.in-Edn. (Leeds).  
 Prof. Sarojkumar Basu, M.A., Ph.D.  
 Sri Rajkumar Chakrabarti, M.A., LL.B.  
 Sri Kamalakanta Mookerjee, M.A., B.T., Dip.Sp.Eng.  
 Sri Dwijendranath Ray, M.Sc., B.L. (Cal.), B.T. (Dac.), M.A. in Edn. (Lond.).  
 Prof. Niharranjan Ray, M.A., D.Lett. & Phil. (Leyden), Dip.Lib. (Lond.), F.L.A., M.P.  
 Sri Anivakumar Sen, M.A.  
 \*Sri Sudhansukumar Bose, M.A.  
 \*Sri Tripurari Chakrabarti, M.A.  
 \*Sri Mohitkumar Maitra, B.A.  
 \*Dr. Dharendraanath Sen, M.A., Ph.D.  
 †Sri Chapalakanta Bhattacharyya, M.A., LL.B., M.P.  
 †Sri Sajanikanta Das, B.Sc.  
 †Sri Bijan Sengupta, M.A.

## (VIII) FACULTY OF LAW

- Sri Ramaprasad Mookerjee, M.A., LL.B.—*Dean*.  
 Prof. Pranathanath Banerjee, M.A., B.L., D.Litt., LL.D., Barrister-at-Law, Vidyavachaspati.  
 Sri Prasantakumar Basu, M.A. (Cal. and Oxon.), LL.B.  
 Dr. Binodbihari Datta, M.A., LL.B., Ph.D.  
 Sri Nandakishor Ghosh, B.A., LL.D. (Leeds), Barrister-at-Law.  
 Sri Satyendranath Modak, M.A., B.A. (Cantab.), Barrister-at-Law.  
 Prof. Muhammad Zubair Siddiqi, M.A., LL.B., Ph.D. (Cantab.).  
 \*Sri Anilchandra Ganguli, M.A., LL.B.  
 \*Sri Bholanath Ray, M.A., LL.B.  
 †Sri Sankardas Bandyopadhyay, LL.B., Barrister-at-Law, M.L.A.  
 †Justice Sri Prasantabihari Mukhopadhyay, LL.B., Barrister-at-Law.  
 †Dr. Hemnath Sanyal, M.A., Ph.D. (Lond.), Barrister-at-Law.

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\*Member under clause 4(2)(b) of the Statutes.

†Member under clause 4(2)(c) of the Statutes.

## (IX) FACULTY OF MEDICINE

- \*Dr. Subodh Mitra, M.B. (Cal.), M.D. (Berlin), F.R.C.S. (Edin.), F.R.C.O.G. (Lond.), F.A.C.S., F.N.I.—*Dean*.  
 Dr. Ilabanta Banerjee, D.Sc., F.N.I., F.L.S., F.A.Sc.  
 Prof. Nirajinath Dasgupta, M.Sc., Ph.D. (Lond.).  
 Sri N. Jungalwala, M.B.B.S. (Rangoon), L.R.C.P., M.R.C.S., M.R.C.P. (Lond.), M.P.H. (Johnshopkins).  
 Sri Subalcharan Law, M.B., T.D.D. (Wales), F.C.C.P. (U.S.A.).  
 Prof. Subritchandra Mitra, M.A., D.Phil. (Leipzig), F.N.I.  
 Dr. Pratulchandra Rakshit, M.Sc., Ph.D.  
 Sri Ramanimohan Ray, M.Sc.  
 Prof. Bijalibehari Sarkar, D.Sc., F.R.S.E.  
 \*Sri Saktipada Bhattacharyya, M.B. (Cal.), D.C.H. (Lond.).  
 \*Dr. Sunilkrishna Datta, M.D. (Cal.).  
 \*Dr. Bibekmohan Sengupta, M.B. (Cal.), M.D. (Freighburgh).  
 †Dr. Susilkumar Basu, M.Sc., M.B., Ph.D. (Edin.), D.T.M., D.P.H.  
 †Capt. P. R. Mukhopadhyay, B.Sc., M.B. (Cal.), F.R.C.S. (Edin.), D.M.R.E. (Camb.), F.F.R. (Lond.), F.I.C.S., F.S.M.F.  
 †Sri M. N. Sarkar, M.B.

## (X) FACULTY OF SCIENCE

- Prof. Nikhilranjan Sen, D.Sc., Ph.D., F.N.I.—*Dean*.  
 Dr. Ilabanta Banerjee, D.Sc., F.L.S., F.A.Sc., F.N.I.  
 Prof. Jogendrachandra Bardhan, D.Sc. (Cal. and Lond.).  
 Dr. Purnendrakumar Bose, M.Sc., D.Phil.  
 Prof. Jnanendralal Bhaduri, D.Sc. (Edin.), F.N.I., F.A.S., F.Z.S.I., F.A.Z.  
 Prof. Jatindranath Bhar, D.Sc.  
 Dr. Pareschandra Bhattacharyya, D.Sc.  
 Prof. Kshitishprasad Chattopadhyay, M.Sc. (Cantab.), F.N.I.  
 Prof. Nirmalnath Chatterjee, M.Sc.  
 Prof. Sivaprasad Chatterjee, M.Sc., T.D. (Lond.), Ph.D. Educ. (Lond.), D.Litt. (Paris), F.G.S.  
 Prof. Nirajinath Dasgupta, M.Sc., Ph.D. (Lond.).  
 Dr. Binodbehari Dutt, M.A., LL.B., Ph.D.  
 Sri Haraprasad De, M.Sc.  
 Prof. Bhupendranath Ghosh, D.Sc.  
 Prof. Bireschandra Guha, M.Sc., Ph.D., D.Sc. (Lond.), F.N.I.  
 Prof. Sisirkumar Mitra, D.Sc., F.N.I., F.R.S.  
 Prof. Subritchandra Mitra, M.A., D.Phil. (Leipzig), F.N.I.  
 Prof. Basantidulal Nagchaudhuri, M.Sc., Ph.D.  
 Dr. Pratulchandra Rakshit, M.Sc., Ph.D.  
 Sri Ramanimohan Ray, M.Sc.  
 Sri Jitendranath Rudra, M.Sc.  
 Prof. Bijalibehari Sarkar, D.Sc., F.R.S.E.  
 Prof. Pulinbehari Sarkar, D.Sc., A.I.C., F.N.I.  
 Prof. Pabitrakumar Sen, M.Sc., Ph.D. (Lond.), D.I.C.  
 Prof. Rabindranath Sen, M.A., Ph.D. (Edin.), F.N.I.  
 \*Dr. Mrs. Asima Chatterjee, D.Sc.  
 \*Sri Durgadas Mukhopadhyay, M.Sc.  
 \*Dr. Dwijendrabrinod Sinha, M.Sc., Ph.D. (Lond.), D.I.C.  
 †Dr. D. M. Basu, M.A., Ph.D.  
 †Dr. G. P. Majumdar, M.Sc., Ph.D., F.N.I., F.A.Sc., F.B.S.

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\*Member under clause 4(2)(b) of the Statutes.

†Member under clause 4(2)(c) of the Statutes.

## (XI) FACULTY OF TECHNOLOGY

- Prof. Bireschandra Guha, M.Sc., Ph.D., D.Sc. (Lond.), F.N.I.—*Dean*.  
 Prof. Jatindranath Bhar, D.Sc.  
 Dr. Pareschandra Bhattacharyya, D.Sc.  
 Prof. Nirajpath Dasgupta, M.Sc., Ph.D. (Lond.).  
 Sri Bidhubhushan Ghosh, B.E., M.I.E., M.Amer.Soc.R.E., M.Amer.Soc.H.V.E.  
 Prof. Sisirkumar Mitra, D.Sc., F.N.I., F.R.S.  
 Prof. Basantidulal Nagchaudhuri, M.Sc., Ph.D.  
 Dr. Pratulchandra Rakshit, M.Sc., Ph.D.  
 Sri Atulchandra Ray, B.Sc. (Glas.), A.M.I.Mech.E., M.I.E.  
 Prof. Anantakumar Sengupta, D.Sc., A.M.I.E.E.  
 \*Dr. S. M. Mukherjee, M.Sc. (Cal.), Ph.D. (Leeds), F.T.I. (Manchester).  
 \*Dr. S. C. Niyogi, D.Sc.  
 \*Dr. Dwijendrabir Sinha, M.Sc., Ph.D. (Lond.), D.I.C.  
 †Sri Sachindranarayan Guha, B.Sc.  
 †Sri R. G. Mukherjee, M.Sc., M.I.E.E. (Lond.), Mem.A.I.E.E. (N. Y.).

## (XII) FACULTY OF VETERINARY SCIENCE

- †Capt. Phanibhushan Mukhopadhyay, B.Sc., M.B. (Cal.), F.R.C.S. (Edin.), F.F.R. (Lond.), D.M.R.E. (Camb.), F.I.O.S., F.S.M.F.—*Dean*.  
 Prof. Jnanendralal Bhaduri, D.Sc. (Edin.), F.N.I., F.A.S., F.Z.S.I., F.A.Z.  
 Sri Subalcharan Law, M.B., T.D.D. (Wales), F.C.C.P. (U. S. A.).  
 Sri Jitendranath Rudra, M.Sc.  
 Prof. Bijalibehari Sarkar, D.Sc., F.R.S.E.  
 Dr. D. M. Sen, M.A., Ph.D. (Lond.).  
 Prof. Pabitrakumar Sen, M.Sc., Ph.D. (Lond.), D.I.C.  
 \*Sri K. N. Bagchi, B.Sc., M.B., D.T.M., F.R.I.C., F.N.I.  
 \*Sri Kartikchandra Mukherjee, M.Sc., M.R.C.V.S.  
 †Dr. Susilkumar Basu, M.Sc., M.B., Ph.D. (Edin.), D.T.M., D.P.H.  
 †Major J. M. Lahiri, M.R.C.V.S., F.Z.S.  
 †Sri D. N. Mitra, M.A.

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\*Member under clause 4(2)(b) of the Statutes.

†Member under clause 4(2)(c) of the Statutes.

## APPENDIX E

## RESEARCH ACTIVITIES

## DEPARTMENT OF ENGLISH

By Mr. K. C. Lahiri :

1. Experiments in the Technique of Recent English Verse.  
(Journal of the Department of Letters, Calcutta University).
2. The study of English in India.  
(Journal of Education).
3. The Technique of James Joyce.  
(Calcutta Review).
4. On the study of the History of literature.  
(City College Annual).

By Professor A. G. Stock :

Art, Aristocracy and the Poetry of Yeats.  
(The literary Criterion).

By Dr. S. C. Sengupta (Presidency College) :

Sahitya Pather Bhumika.  
(Brochure in Bengali).

## DEPARTMENT OF HISTORY

Name :

Published papers :

Dr. A. C. Banerjee	...	'Medieval studies (published in February, 1958).
Dr. A. N. Bose	...	1. Anarchism in the Ancient World (Journal of the Department of letter, Calcutta University, June, 1958).
		2. Evolution of Civil Society and Caste System in India International Review of Social History Amsterdam, June, 1954.
Dr. N. K. Sinha	...	Zamindari system in Bengal from Murshid Quli to Mir Qasim published in <i>Bengal Past and Present</i> Jubilee Number
Dr. S. P. Sen	...	<i>French in India</i> was published in March, 1958. It is likely to be accepted as the standard work in the subject.
Sri Subimal Mukherjee	...	Interventions in Egypt and Hungary, their legality and the U.N. action for peace—published in the <i>India Journal of Political Science</i> , January-March, 1958
Dr. Sukumar Ray	...	Bairam Khan and Sher Shah—contributed to Sir Jadunath Sarker Commemoration Volume published by the Punjab University, 1958
		Contributed the chapter on the Khalji Dynasty to the sixtieth volume of the <i>History and Culture of the Indian people</i> (Bharatiya Vidya Bhavan) in the press.
Sri Tarit K. Mukherjee	...	Joseph Davey Cunningham on some of his activities in India. <i>Bengal Past and Present</i> —Jubilee number
Sri Barun Dey	...	'Note on the Melville MSS. in the National Library in Edinburgh' to be published in the Indian Archives, forthcoming issue

Dr. Amalash Tripathi has begun his research work on the early history of the Managing Agency System in India. Dr. B. C. Gupta, who is the academic guest of the London University is likely to finish his work on Nana Sahib in London. Under the Rockefeller Foundation Scheme two research fellows and three research scholars are working on the economic history of India.

#### DEPARTMENT OF ECONOMICS

1. It was decided to publish an Economic Journal in English containing articles on economics and other related topics. A Board of Editors consisting of the members of the staff was constituted to take charge of this publication *Arthaniti*. Two issues of the journal appeared in November, 1957 and May, 1958.

The following books and papers were published during the year under review by members of the staff :—

*Prof. Saroj K. Basu :*

1. A book entitled *A Survey of Contemporary Banking Trends* was published in July, 1957.

2. A Memorandum on *Social and Cultural Factors affecting Management in Calcutta* with a note on the Structure of Modern Industry in Calcutta was prepared with the assistance of Sri Alok Ghosh, M.A. and Sri S. B. Mukherjee, M.A., in connection with a UNESCO Research Project on "Social and Cultural Factors affecting Productivity in Industry (December, 1957)."

3. The following articles were published :

- (a) *Bank Finance for Industry during the Second Plan period* (Economic Weekly Special Number, July, 1957).
- (b) *Crisis in India's Foreign Exchange Reserves* (Arthaniti, Vol. I, No. I—the Journal of the Department of Economics, Calcutta University).

A Book on the *Managing Agency System in Prospect and Retrospect* was sent to the Press in May, 1958.

*Dr. Bhabatosh Datta :*

1. A revised and enlarged second edition of his book *The Economics of Industrialisation* was published in November, 1957.

2. The following articles were published :

- (a) *Growing Pains. A study of the stresses and strains generated by the Second Plan* (Economic Weekly, June 6, 1957). The article was republished in the U.S.A. in *Readings in Economics*—Edited by Samuelson and Bishop.
- (b) *The Investment Criterion Problem* (Arthaniti, May, 1958).
- (c) *The payments crisis and foreign assets* (Economic Weekly, April 27 and May 4, 1957).
- (d) *Growing Strain on the Balance of Payments Capital*, Annual Number, 1957

*Dr. S. N. Sen :*

The following articles were published :

- (a) *Recent Monetary Policy* (Economic Weekly, September, 1957).
- (b) *Foreign Exchange Crisis and Export Promotion* (Journal of Cost Accountancy, December, 1957).

He is working on a book on *Some Aspects of Socio-Economic Survey of Calcutta*—which is expected to be published during the current year.

**Sri Amlan Datta, M.A. :**

Published an article on *Economic Development and Culture* (Bulletin of the Ramkrishna Mission Institute of Culture, May, 1958).

**Sri Alok Ghosh, M.A. :**

1. Published his book on *Indian Economy a Growth Oriented Study of Indian Economic Problem*.

2. The following articles were contributed :

(a) *Fundamentals of Development Planning in Underdeveloped Areas* (University Journal of the Department of Letters, June, 1957).

(b) *Technique of Balancing a Plan* (Economic Affairs, June, 1957).

(c) *Theory of Development in Backward Countries* (Asian Studies, July, 1957).

(d) *Crisis of excessive exuberance and the scaling down of the Currency Reserve* (Economic Affairs, October, 1957).

**Sri J. K. Mitra :** is working on his book *Recent Developments in the theory of value*.

**Sri Santosh K. Bhattacharyya :**

1. Published his book on *Passenger Traffic Problem in Calcutta*—a study of the rush hour traffic.

2. Contributed the following articles :

(a) *The food grains situation* (Economic Affairs, Vol. II, No. 9).

(b) *A Macroeconomic Approach to Profit* (Arthaniti, Vol. I, No. 1).

**Sri Rakhal Datta :** Wrote an article on 'Food Population and Policy' (Arthaniti, May, 1958).

## II. Socio-Economic Survey of the City of Calcutta, 1957-58.

This department is in its fourth year and the work of collecting data was completed by the end of March, 1958. The Department has also collected data relating to small scale business units working in the city and a report on these is now being prepared. The final Report on the Socio-Economic Survey of the city is expected to be ready during 1958-59. A monograph on Housing conditions in the city is being prepared and will be printed.

## III. Diagnostic Survey of the Damodar Valley Region, 1957-58.

Early in 1957 the Government of India decided that, with a view to facilitating planned development, a diagnostic survey of the Damodar Valley Region should be undertaken on a co-operative basis by the Indian Institute of Technology, Kharagpur, the University Department of Geography and Economics and the D.V.C. A Technical Committee was set up by the Government of India to undertake this work. The Committee included amongst others, Dr. J. P. Niyogi. The Committee decided that as a preliminary step a survey of the Durgapur Sub-Region should be carried out. It was felt that this pilot survey was likely to prove helpful in planning the whole area. A batch of students of the Economics Department was sent out to participate in this work as field investigators.

The following lectures were delivered by foreign scholars to the students of the Economics Department :—

Dr. D. Delivannis—Inflation in Under-Developed Countries.

Prof. Hoselitz—Medium sized industries in rural India.

#### DEPARTMENT OF POLITICAL SCIENCE

During the year under review the total number of students on the Roll in the two M.A. Classes was 234. The total number would have been considerably larger if admissions had not been strictly restricted on a qualitative basis. Besides, there were several research students in the department.

It is gladdening to note here that a research student of this department, namely, Smt. Amiya Chatterjee, M.A., was admitted during the year under review to the D.Phil. (Arts) Degree of this University for her thesis on "The Constitutional Development in India from 1939 to 1947". It is also gladdening to note here that in the Combined Examination for recruitment to the I.A.S., I.F.S., etc., held in September, 1957, by the Union Public Service Commission, two of our former students did well. One of them has since been appointed to the Indian Foreign Service, and another to the Indian Administrative Service.

Sri Subimalkumar Mukherjee attended the 20th Session of the Indian Political Science Conference held at Poona in December, 1957, and read the following papers there :—

(a) "Interventions in Egypt and Hungary: their Legality, and the U. N. Action for Peace."

(b) "The Concept of World Peace under the United Nations."

(c) "The Second General Elections in West Bengal, 1957—An Objective Study."

The following papers were published by teachers of the Department during the period under review (1st June, 1957 to 31st May, 1958) :—

Name of the Author	Title of the paper	Where published
D. N. Banerjee	1 "Some Aspects of our Constitution :	"The Modern Review", Calcutta, July, 1957.
	(vii) Fundamental Rights—Right Against Exploitation and to Freedom of Religion."	
	2. "Some Aspects of our Constitution :	"The Modern Review", October, 1957.
	(viii) Fundamental Rights—Cultural and Educational Rights".	
	3. Some Aspects of our Constitution".	"The Modern Review" January, 1958.
	(ix) Fundamental Rights—Right to Property."	
	4. "Some Aspects of our Constitution.	"The Modern Review" April, 1958.



(20) Fundamental Rights—  
Right to Property (continued)".

5. A Review of *Parliament in India* by Prof. W. H. Morris-Jones (University of Durham). "The Sociological Review", December, 1957, University College of North Staffordshire, England.
- S. K. Chatterjee ... "Political Thought and the Philosophy of History". "The Journal of the Department of Letters, 1958" University of Calcutta.
- S. K. Mukherjee ... "Peace : an Art and a Science under the U. N. Charter—I" "The Calcutta Review" July, 1957.
- "Peace : an Art and a Science under the U. N. Charter—II" "The Calcutta Review" August, 1957.
- "The Problem of Disarmament : Some of its Fundamental aspects." "The Calcutta Review" September, 1957.
- "Interventions in Egypt and Hungary, their Legality, and the U.N. Action for Peace". "The Indian Journal of Political Science," January-March, 1958.
- "Had India a Right under the Law of the U. N. Charter to refer the Kashmir case to the Security Council under Chapter VII of the same?" "The Calcutta Review" January, 1958.

#### DEPARTMENT OF PHILOSOPHY

*Sri S. C. Chatterjee, Head of the Department of Philosophy :*

*Published Articles :*

1. Bhāratia Darśaner Udār O Samanuvayī Dṛṣṭibhaṅgē (Udbodhan, Asvin, 1364 B.S.).
2. Bhāratia O Pāścātya Darśaner Cinta Dhārā : Presidential Address at the Annual Conference of Baṅgīya Darśan Parisad (Bhāratvarsa, Māgh, 1364 B.S.).
3. Brajendranath Seal—His Life and Works, Radio talk, All-India Radio, Calcutta Station (The Modern Review, January, 1958).
4. Brajendranath Seal—His Contributions to Philosophical Studies (The Modern Review, April, 1958).

*Sri Jitendranath Mohanty :*

1. "A Recent Criticism of N. Hartmanns' Ontology" (Journal of the Department of Letters, Calcutta University. N. S. Vol. I).

2. "Logic and Ontology" (Under publication in the above journal).
3. "Thought and Action" (Proceedings of the Indian Philosophical Congress, 1957).
4. "Modes of Givenness" (Contributed to the Prof. Joseph Koing-Festership Philosophical Institute, Göttingen).
5. "The Theoretical and the Practical Modes of Givenness" (Communicated to the coming Session of the Indian Philosophical Congress, 1958).

*Sri Rasvihary Das :*

The Concept of Man in East and West.

*Dr. Pritibhushan Chatterjee :*

1. Psychology of Public Opinion (Calcutta Review).
2. Dāśanika Vyākṣā (Philosophical Explanation) (Dāśana).

*Sri Anilkumar Ray :*

1. Does memory yield valid knowledge?
2. The Advaita Theory of Knowledge.

*Sri Ramchandra Pal :*

Completed the first eight chapters of his thesis entitled "Studies in the structure of reality as also with relevance".

*Sri Adharchandra Das :*

1. "Sri Anubinda and some of modern problems" published by General Printers and Publishers, Dharmatala, Calcutta.

*Prof. P. J. Chaudhuri :*

*Published papers :*

1. Science, Art and Religion : Visva-Bharati Quarterly, Autumn,
2. Science and Epistemology : Philosophical Quarterly, December,
3. Vedānta and Modern Science : 1957.  
Bulletin of the Ramkrishna Mission,  
Institute of Culture, August, 1957.
4. Vedānta Phenomenology : (Ibid., April, 1958).
- Indian Personalism : Personalist (U.S.A.) Summer, 1957.

*Papers to be published :*

1. All and Some Judgments : Philosophical Quarterly, July, 1958.
2. Problem of Knowledge : Review of Metaphysics (Yale University, U.S.A.), August, 1958.

*Other papers :*

1. Nature of Philosophy : To be read before the Indian Academy of Philosophy in July, 1958.
2. Elements of Scientific Philosophy : One original study of 250 foolscap typed pages sent to foreign experts for opinion.

## DEPARTMENT OF SANSKRIT

The members of the department were engaged in teaching and research activities during the session. Dr. Asutosh Sastry, Head of the Department has presented a critical study on Vedanta in his work entitled "Vedanta Advaitavada", Vol. III in Bengali (in the press).

Sri Krishnagopal Goswami, Reader in the Department has edited the well-known Philosophical work 'Bhakti Sandarbha' with translation and notes in Bengali as Calcutta University Publication. Under the supervision of Sri Krishnagopal Goswami, Sri Herambanath Chatterjee, a research student and Hony. Lecturer of the Department submitted his thesis for the D.Phil. degree entitled "A Critical and Comparative Study of the Forms of Marriage in Ancient India."

Sri Kunjagovinda Goswami, Reader in the Department has conducted an excavation work at Chandra-Khetugarh, yielding valuable historical finds.

Dr. Jauakiballav Bhattacharjee, Reader of the Department has published his English translation of Nyaya-Manjari in series in the Calcutta Review.

Pandit Bhatnath Saptatirtha, Lecturer in the Department has translated into Bengali the Medhatehi Bhasya of the Manusamhita (published by the Government of West Bengal).

To the credit of Pt. Sriji Nyayatirtha, Lecturer in the Department may be mentioned the two Sanskrit playlets of his own composition touching on modern topics, one is :—

(1) Satavarsikam, staged by the students of the Department and another is Cipitaka-carvanani, published in the Manjusa.

(Research work by Dr. Ajitranjan Bhattacharjee, Lecturer).

(A) In Book form (Printed) :

1. Catalogue of Sanskrit and Prakrit Mss.
2. Sakahara (In Bengali).
3. Sankara's Brahman and Madhyamikas Sunyata
4. Monistic Speculation in the Upanisadic Taoist and Madhyamika Philosophies.

(B) Article :

1. Two main systems of Chinese philosophy and their Indian counterparts.

(C) Miscellaneous :

1. Collected materials for Darsanekosa from the Syadvadamanjari, a work on Jaina Philosophy.

The Department organised performance of a vedic sacrifice by experts invited from Madras, which offered practical lessons on vedic rituals to the students of the Department. Pt. Pattabhram Sastry, Lecturer in the Department took part in explaining the forms and process of the rituals.

## DEPARTMENT OF ISLAMIC HISTORY AND CULTURE

Prof. M. L. Raychaudhuri :

1. Music in India published by Asiatic Society Journal, 1957-58.
2. Advanced History of India (in Bengali) published by Prakash. Mandir, 3, College Row, Calcutta—9.
3. Rakhasa Culture in the Ramayana (under print).

*Dr. Sukumar Ray :*

1. *Did Malik Naib Kafur invade Rameswaram?* A paper read at the Twentieth Session of the Indian History Congress held at Anand in December, 1967.
2. *Bairam Khan and Sher Shah :* A paper contributed to Sir Jadunath Sarkar Commemoration Volumes, published by the University of the Punjab (I), 1958.
3. Contributed the Chapter on the *Khalji Dynasty*, the sixth volume of the *History and Culture of the Indian People* (Bharatiya Vidya Bhavan, Bombay). In the Press.

*Dr. Kalyankumar Ganguli :*

"Studying the various aspects of Mughal architecture, specially the style evolved under the patronage of Akbar."

*Md. Quamruddin :*

"Published in the University Journal of Letters" in 1957-58—

1. Ibn Khaldun and his Prolegomena."

Researches on the following subjects have been undertaken by the research pupils of the Department :—

1. Expansion of Islamic Power in Bengal, 1206-1326.
2. Murshid Quli Khan—his Life and Times.
3. Peoples and Polity in the Turko-Afghan period.
4. Government of Shahista Khan in Bengal.
5. Socio-economic Life in Bengal, 1707-1965.
6. History of Khandesh in the Mughal Period.

#### DEPARTMENT OF ARABIC AND PERSIAN

1. *Dr. M. Z. Siddiqi :*

- (a) Completed his introduction to his book "Studies in Arabic and Persian Medical Literature", which is likely to be published within two months;
- (b) He revised his Mss. of the book on Hadith literature;
- (c) He read a paper on the 'Significance of the term Culture in general and of Islamic Culture in particular', in the International Islamic Collegium, held at Lahore in January, 1958. The paper will be published in proceedings of the Collegium due course.

2. *Dr. M. Israq :*

Edited four issues of the *Ind-Iranica*, a quarterly organ of the Iran Society published under the patronage of the Indian Council for Cultural Relations, New Delhi.

#### DEPARTMENT OF MODERN INDIAN LANGUAGES BENGALI

1. *Sri Shashibhushan Dasgupta*—Has published a book "Aspects of Indian Religious Thought" which contains articles on different aspects of Indian religion and culture.
2. *Sri Pramathanath Bisi*—Has edited with long introduction the selected works of Iswarchandra Vidyasagar, Bhudeb Mukhopadhyay and Rameshchandra Datta.

3. *Sri Asutosh Bhattacharyya*—Has published, (i) a revised and enlarged second edition of the book "Vanglar Loka-sahitya" (Folk Literature of Bengal), (ii) a revised and enlarged third edition of the book "Vangla-Mangal Kavyer Itihas" (History of Bengali Mangal Kavya), (iii) has published a book on 'Bangla Sahityer Sankshipta Itihas' (a short history of Bengali literature).

4. *Sri Bijonbehari Bhattacharyya*—Has been making and editing a selection of stories from Ketakadasa Kshemananda's Manasanamangal with an introduction and word notes to be published by the Sahitya Ekademi.

5. *Sri Taraknath Ganguli*—Has published a book "Bangla Galpa-vichitra. The book contains discussion on seven top-ranking writers of Bengal; it discusses the personality of every author and his special achievement as a writer of short stories.

6. *Sri Asitkrishna Banerjee*—Has prepared a thesis on "the first half of the 19th century and Bengali Literature" and submitted it for the D.Phil. degree. He has been preparing also a History of Bengali Literature.

*Sri Prafullakumar Pal, M.A.*—Keeper of Bengali Manuscripts, has been working on the 'Harivansa' of Bhabananda.

*Ramtanu Lahiri Research Assistants*—(1) Sri Pijuskanti Mahapatra—has edited 'Lalan-gitika' (songs of Lalan Shah Fakir).

(2) Sri Munindrakumar Ghosh—has been working on the Mahabharat of Sanjay.

(3) Sri Nirmalendu Bhowmik—has been working on the folk songs of North Bengal.

*Research Scholars*—*Sm. Sunanda Sen*—has been working on the language of Rabindranath.

## MODERN INDIAN LANGUAGES

(Hindi)

1. *Sri L. P. Sukul, M.A. (Reader)*—Edited Meghaduta in Hindi and it has been published by Bangiya Hindi Parishad.

'Inse'—a book containing 18 papers on the various current problems of Hindi literature—published by the Hindi Pracharak Pustakalaya—Banaras. It has also been selected by the Uttar Pradesh Government as a prize book on which a prize of Rs. 600 (six hundred) has been declared.

Contributed a research paper entitled 'Kavya-Ki-teen Paribhashayen' (The three definitions of Poetry) to the Commemoration Volume of Krishna Bihari Misra—being published from Sitapur.

Also written more than a dozen papers and articles for the various leading literary periodicals such as Hindustan (Weekly, from Delhi), Suprabhat, Jan Bharti and others.

2. *Sri K. M. Lodha, M.A.*—

(1) *Yasodhara*—Study into poetic sources and development with special reference to Maithilisaran Gupta: the article was written for the Gupta Commemoration Volume and has since then appeared in many journals.

(2) *Existentialism*—A survey of principles and literature with special reference to Hindi Novels.

(3) *Development of Modern Hindi Poetry*—Included in the Souvenir of the Bharatiya Sanskriti Sansad.

(4) *E. Ros & Kama*—A comparative study.

(5) *Ballads*—their origin and development in Hindi Poetry with special reference to Subhadra Kumari Choudhary.

## MODERN INDIAN LANGUAGES

(Hindi)

3 Sri Vishnu Kant Sastri :

### *Research Treatises*

(1) Studies in Ramaitic Literature of Assam—written for Maithili Sharan Gupta Commemoration Volume.

(2) A Survey of the Ritikalian Hindi Kavya—published in the souvenir of Bharaiya Sanskriti Sansad.

(3) A critical analysis and valuation of Subhadra Kumari Chouhan's stories with particular reference to their psychological background and contemporary thoughts.

### DEPARTMENT OF COMPARATIVE PHILOLOGY

Prof. Sukumar Sen took part, as a faculty member, in the summer Schools of Linguistics held at Dehra Dun in the months of May and June, 1957.

He delivered, on invitation, three extension lectures at the University of Mysore in the month of September, 1957. He also delivered three extension lectures at Burdwan in February and March, 1958.

Prof. Sen is carrying on Dialectal Survey of West Bengal and he is progressing with the Etymological Dictionary of Old and Middle Bengali.

The following research scholars are working under his guidance :—

(1) Sri Deyanand Shrivastava, M.A., Khaira Research Scholar :

*Syntax of Early Hindi Prose.*

(2) Sm. Sunanda Sen, M.A., Post-Graduate Research Scholar :

*Diction of Rabindranath Tagore's Poetry.*

(3) Sri Satyaranjan Banerjee, M.A., Post-Graduate Research Scholar :  
(Resigned) :

*Jaina Prakrit.*

(4) Mr. Yasuaki Nara, M.A., Bipradas Palchaudhuri Foreign Scholar :

*Buddhist Sanskrit.*

(5) Sri Siddheswar Hota, M.A., Professor of Sanskrit and Oriya, Sambalpur College, Orissa (on leave) :

*Origin and Development of the Oriya Language.*

(6) Sm. Sobha Ray, M.A., Professor of Sanskrit, Women's College, Cuttack (on leave) :

*Historical Syntax of Oriya.*

Professor Sen published the following books during the year :—

(1) Gauranga-vai (a sixteenth century Bengali text edited with Introduction, Notes and Glossary), Bibliotheca India, The Asiatic Society, Calcutta,

(2) History and Pre-History of Sanskrit (Extension lectures), University of Mysore, Mysore.

Professor Sen published the following paper during the year :

Syncopated Aspiration in Middle Bengali (Bagchi Memorial Volume of Indian Linguistics).

## REPORT OF THE RESEARCH WORK (1957-58)

By SRI DWIDENDRANATH EASU

Engaged in revising his thesis on "Analytical Syntax of Old Bengal". Prepares a paper on 'A Phonological Account of a sound in Bengali' and read it in the All India Oriental Conference, held in December, 1957 at Delhi.

*Published Papers :*

1. "An Account of the Andamanese Dance, Songs and Folk-tales" (Indian Folk-lore, Calcutta, 1957).
2. "On the word Dvāra (Indian Linguistics, Bagchi Memorial Volume, Poona, 1957).
3. "Word Order of Vacatives in OB" (Indian Linguistics, Turner Vol. Poona, 1958) (in press).
4. "Word Order of Negative Particles in OB (Journal of the Department of Letters, Calcutta, 1958) (in press).

## DEPARTMENT OF ANCIENT INDIAN HISTORY

1. Prof. J. N. Banerjee—contributed six chapters in *Comprehensive History of India*, Vol. II, published by the Indian History Congress in December, 1957. He also read a paper in Section I of the Ballabh Vidyanagar Session of the Indian History Congress held in December, 1957.
2. Sri S. K. Saraswati contributed a chapter in *Comprehensive History of India*, Vol. II, published by the Indian History Congress in December, 1957. He read a paper in Section I of the Ballabh Vidyanagar Session of the said Congress held in December, 1957. His chapters respectively in *Bihar through the Ages and History and Culture of the Indian People*, Vol. VI, are in course of publication.
3. Sri N. N. Dasgupta edited a mediaeval Bengali text, *Krishnamangala* by Parasurama, which has been published by the Calcutta University.
4. Dr. G. C. Raychaudhuri published a monograph on "Early History of Mewar" in J. D. L., New Series, Vol. I.
5. Dr. S. R. Das published a monograph on the Ritual Drawings of Bengal in J. D. L., New Series, Vol. I.
6. Prof. N. Ray was actively engaged in his researches in Indian Aesthetics.
7. Dr. B. C. Sen was engaged in studies in Economic History of Ancient India and Asokan problems.

The following members of the teaching staff were engaged in guiding the research studies of the D.Phil. students :—

Prof. J. N. Banerjee, Prof. N. Ray, Dr. B. C. Sen, Sri S. K. Saraswati, Dr. G. C. Raychaudhuri, and Sri D. P. Ghosh.

## UNIVERSITY COLLEGE OF COMMERCE

*Department of Commerce*

Sri S. C. Sengupta, Part-time Lecturer in the University College of Commerce, read a paper in the 11th Indian Commerce Conference in December, 1957, entitled "Published Accounts of Joint Stock Companies" which was published in the December, 1957 issue of the Indian Journal of Commerce.

Sri Bishnupada Guha, a Research Scholar, is carrying on research on the "Labour Problems in the Coal Mining Industry in India" under the supervision of Dr. S. N. Sen Reader in Economics.

### DEPARTMENT OF PALI

Professor Nalinaksha Dutta was elected President of the Asiatic Society. He has been entrusted with the editing work of the Jaina and Buddhist section of the Cultural Heritage of India. (R. K. Institute of Culture) He has also been editing the Journal of the Greater India Society

The papers written by him are :—

- |   |   |   |
|---|---|---|
| 1. Evolution of Mahayana Buddhism.  | } | Published in the Cultural Heritage of India.  |
| 2. Buddhist sects in China, Japan, Burma and Ceylon.                                  |   |   |
| 3. Religious Developments in India from the Pre-Aryan period to the 3rd century, B.C. | } | Being published as Chapter VI of Book I of the History of Ceylon (Ceylon University). |
| 4. Vajracchedikasutra of the Gilgit Mss. edited and printed.                          |   |   |
| 5. Pratissamakhyanirodha and Apratissam- Khyanirodha.                                 | } | Indian Historical Quarterly, 1957.  |
| 6. Development of Buddhism in Orissa.   |   |   |
| 7. Basic Teachings in the Majjhima Nikaya (II).                                       | } | Being a foreword to the Doctorate thesis of N. K. Sahu.                               |
| 8. Editing Bodhisattvabhumi, a Ms. of Jayaswal Research Institute.                    |   |   |

*Dr. Anukulchandra Banerjee*

*Books*—Subhasitaratnakarakandaka katha of Aryasura (accepted for publication by the Mithila Post-Graduate Institute of Sanskrit Learning and Research, Darbhanga, Behar).

*Papers*—

1. The Background of Buddhism (Mahabodhi Vaishak Special Number).
2. Missionary Life of Gautama Buddha (Calcutta Review).
3. Dhamma of Gautama Buddha (Mahabodhi).
4. Mahayana Buddhism (Assam Government Research Society).
5. The doctrine of the bhūmis (to be included in the encyclopaedia of Buddhism published by the Government of Ceylon).
6. Mahayana Buddha dharma (in Bengali) (jagatjyoti).
7. History of Buddhism (Journal of the Department of Letters, Calcutta University).

Sri P. C. Majumdar—went to the East African countries on a goodwill mission of the Indian Navy and visited the cultural institutes of Diego-Searaz, Mombasa, Zanzibar, Dar-es-Salaam and Nairobi.

He conducted the excavation works at Bharechampa in the District of 24-Parganas, West Bengal.

He has written a paper on "A few Chinese Travellers visiting India in the Medieval Period" (published in the Calcutta Review, 1957) and on "An Analytical Study of the Lankavatara sutra".



## PUBLISHED RESEARCH PAPERS

## DEPARTMENT OF ZOOLOGY :

1. A study of the urinogenital system of Salientia, Part I. Ranidae and Hyperoliidae of Africa.—Prof. J. L. Bhaduri (Ann Mus Roy Congo. Belge. Sr. 8 Sci. Zool. Vol. 55, 1957).

2. The distribution of fry collection centres, methods of collection and the fry trade in the river Bhagirathi.—Dr. D. N. Ganguli (Geographical Review of India, Vol. XIX, 1957).

3. On the structure and the development of the Vertebral column in the House Gecko.—Dr. D. N. Ganguli (Anat. Anz. 105, 58).

4. Effect of estradiol monobenzoate on the thyroid gland of a common Indian lizard, *Calotes versicolor*.—Dr. A. Ghosh (Ann. Biochem. & Exptl. Med. 18(3), 1958).

## DEPARTMENT OF ANTHROPOLOGY :

1. How Korkus Live.—Prof. K. P. Chattopadhyay (Journal of the Asiatic Society, Science Vol. 22, No. 2, 1957).

Abst.—A detailed account of the material culture of Korkus. The technology of tools and implements is fully given.

2. On Polyandry.—Prof. K. P. Chattopadhyay (Journal of the Asiatic Society, Science Vol. 22, No. 2, 1957).

Abst.—A World survey of the customs of Polyandry, including a re-assessment of all available data in Asia, Africa, Europe and America and Oceania. The similarity of modern social trends under economic forces to limitation of family size to the motives underlying polyandry in most areas is indicated.

3. Santal Sibs—their traditional history and observed intermarriage frequencies.—Prof. K. P. Chattopadhyay (Proceeding of the National Institute of Sciences of India, Vol. 23B, Nos. 1-2, 1957).

Abst.—In this paper the writer notes a brief account of the traditional origin of Santal Sibs and of the tradition of separate demarcated states of each Sib. A statistical analysis is then carried out of 1540 Santal marriages to find out bias towards or away from marriage between different Sibs—the tradition of Marandi Kisku avoidance in marriage is tested to reports by some earlier observers a definite bias in favour of marriage in the mother's Sib by a man is proved by the figures of such marriage. A likely explanation is suggested.

4. Note on the Language Commission.—Prof. K. P. Chattopadhyay (Science and Culture, Vol. 23, 1958).

Abst.—A critical study of the principal recommendations of the Language Commission and has given some suggestions as to how they should be modified so as to be generally acceptable.

5. Personality and Culture.—Prof. K. P. Chattopadhyay (The Indian Journal of Psychology, Vol. 32, Parts I-II, 1957).

6. The Purums.—A Kurki Tribe of Manipur—Sri T. C. Das (Vanya-jati. Vol. V, No. 3, 1957).

7. Classification of the Tribals of India.—Sri T. C. Das (Proceedings of the Fourth Tribal Welfare Conference held at Koratpur).

8. The Dance among the Koms of Manipur.—Dr. M. N. Basu (Indian Folklore, 1957).

9. Social Pathology.—Dr. M. N. Basu (Vigil, 1957).
10. A Field approach to primitive technology.—Dr. M. N. Basu (Man in India, Vol. 38, No. 2, 1958).
11. Geological and Cultural Evidences of the Stone Age in Mayurbhanj (a joint paper)—Sri G. S. Ray (Man in India, Vol. 38, No. 1, 1958).
12. A Preliminary Note on the Kadars of Kerala.—Sri G. S. Ray (joint paper) (Science and Culture, Vol. 23, 1958).
13. Soanian and pebble-tool complex in India.—Sri D. Sen (Man in India, Vol. 37, No. 2, 1957).
14. Microlithic Industry of Singhbhum.—Sri D. Sen (Man in India, Vol. 37, No. 4, 1957).
15. Geological and Cultural Evidences of the Stone Age in Mayurbhanj.—Sri D. Sen, N. K. Bose and G. S. Ray (Man in India, Vol. 38, No. 1, 1958).
16. Finger prints of Orissan aborigines.—Dr. S. S. Sarkar and Sri A. R. Banerjee (Man in India, Vol. 37, No. 3, 1957).  
 Abst.—Detailed analysis of the various types of finger print patterns has been made from a large collection of finger and palmar prints of several Orissan tribes (Juangs, Sabaras, Khonds, Gonds, Santals, Mundas, Panos, Kisans and Pauri Bhuiyans).
17. Tribal population in West Bengal.—Dr. S. S. Sarkar and Sri P. Bhattacharyya (Man in India, Vol. 38, No. 1, 1958).  
 Abst.—Demography of the tribal population of West Bengal in 1951, with reference to their sex ratio has been discussed. Confusion regarding the Mru and their doubtful existence have been discussed.
18. A Preliminary note on the Kadars of Kerala.—Dr. S. S. Sarkar (jointly) (Science & Culture, Vol. 23, 1958).  
 Abst.—The racial affiliation of the Kadars of the Annamali Hills has been assessed from anthropometric measurements of 43 adult males and 37 adult females, 140 head hair samples, 142 blood samples and dermatoglyphics, of 80 male and 60 female individuals. The detailed report is in the process of being written up.
19. Further studies on the frequency of Multiplebirth in India.—Dr. S. S. Sarkar (Man in India, Vol. 38, No. 2, 1958).  
 Abst.—The frequency of twin births has been found to be 1:92.7 in India. The study is based on the statistics collected from 49 hospitals in various parts of India during 1942-47.

#### DEPARTMENT OF PHYSIOLOGY :

1. Comparative study of iron distribution in liver. Sm. Jharna Ghosh, Dr. S. R. Maitra and Sri A. Basu (Ind. J. Physiol. & Allied Sci. 11, 4, 1957).  
 Abst.—Iron is distributed in the peripheral parts of the liver. There is no variation in different species in the distribution pattern of iron in liver as is found histochemically in rat, duck, guinea pig, cuckoo, crow. In these species the peripheral part of liver is the main store of iron.
2. Kopsine and Strychine: A comparative study of their physiological properties.—Dr. S. R. Mukherjee, Dr. A. K. Maiti and Sri P. K. Dey (Nature, 180, 916, 1957).  
 Abst.—Kopsine, an indoline alkaloid, has been isolated from the leaves of *Kopsia albiflora*, Linn. and *Kopsia fructosa*, A. Dc. (Apocyanaceae). Structurally it has some similarity to some of the strychnos and picralima

alkaloids. The physiological properties of kopsine have been studied on the plain muscles, on systemic blood pressure and on the toad's heart, and the results have been compared to those of strychnine under identical conditions. Physiologically, kopsine possesses cholinergic effects and its site of action is peripheral and not at the cerebrospinal axis as is that of strychnine. It has also been found that kopsine and strychnine do not antagonise each other.

3. Studies of blood volume and plasma volume in Hypothermia (using extracorporeal cooling technique) with radioactive Iodine human serum albumin.—Dr. S. R. Mukherjee, Sri B. Roy, H. K. Sen, in collaboration with A. Roy, P. K. Dey, S. K. Maiti (J. Expt. Med. Sc. 1, 47, 1957).

Abst.—Using  $^{131}$ I serum albumin decrease in blood volume and plasma volume was found to occur during hypothermia. Reduction of plasma volume was relatively greater than the total blood volume. Increased body haematocrit during hypothermia confirms the above finding.

#### DEPARTMENT OF GEOLOGY :

1. Fossil alga in a lignite from Nichahom, Kashmir.—Prof. N. N. Chatterjee in collaboration with Dr. D. Chandra. Q.J.G.M.M.Soc. of India. Vol. XXIX. No. 3 (1957).

2. Permian Fossil Fungi in Kurasia Seam from Barakar Coal Measures, Kurasia Coalfields, M.L.—Prof. N. N. Chatterjee in collaboration with Dr. D. Chandra. Q.J.G.M.M.Soc. of India. Vol. XXIX, No. 3 (1957).

3. Sulphur forms in coal and their bearing on utilisation, Eastern Metals Review (Annual Number, 1957)—Prof. N. N. Chatterjee.

4. Translation gliding in deformed plagioclase from a banded norite in Orisin—Dr. S. N. Sen. International Geol. Cong., 1958.

5. Translation gliding in deformed feldspar—Dr. S. N. Sen. International Geol. Cong., Mexico, 1957.

#### DEPARTMENT OF PURE CHEMISTRY :

1. On the constitution of Sarpagine, the minor alkaloids of *Rauvolfia Mitransha* Hook and *Rauvolfia Beddomei* Hook. f.—Science & Culture, 22, 492 (1957)—Sunilkumar Talapatra and Asima Chatterjee.

2. Alkali degradation of aricine.—Science & Culture, 23, 20; (1957)—Asima Chatterjee and Sunilkumar Talapatra.

3. The stereoconfiguration of sarpagine.—Naturwissenschaften, 45, 58 (1958)—Sunilkumar Talapatra and Asima Chatterjee.

4. A new synthesis of hydroxy-p-methoxyphenyle-thylamine and Aegelin, the Alkaloid of *Aegle marmelos* Correa—Science and Culture, 23, 155 (1957)—Asima Chatterjee and Narayan Aditya Chaudhuri.

5. Aegelenine, a new alkaloid of the leaves of *Aegle marmelos* Correa. Science and Culture, 23, 106 (1957)—Asima Chatterjee and Sunilkumar Roy.

6. Isolation of Lupcol from *Asteracantha longifolia* Nees. Indian Chem. Soc. 34, 12 (1957)—Asima Chatterjee and Sudhirkumar Srimany.

7. On the estimation of beryllium, Part II. A new rapid gravimetric method for its estimation in beryl—A. K. Sengupta. J. Indian Chem. Soc. 34, 725 (1957).

8. Hydrolysis of Beryllium fluoride and basic beryllium fluoride—A. K. Sengupta. Science and Culture, 23, 492 (1958).

9. Coagulation and electrokinetic potential of ferric ferrocyanide sol.—Tran. Far. Soc., 1957, 53, 1659.

10. Stability and electro-kinetic potential of stannic oxide sol.—J. Ind. Chem. Soc., 1957, 34, 871.
11. Stability and electro-kinetic potential of silver iodide sol.—Kolloid Zeitschrift, 1957, 154, 1, 48-50.
12. Swelling and shrinkage temperature of tanned collagen.—Bulletin of the Central Leather Research Institute. Vol. IV, No. 7, 1958.
13. Electroendosmosis through hide and leather membranes.—Bulletin of the Central Leather Research Institute, Vol. IV, No. 7, 1958.
14. Stability and electro-kinetic potential of Aluminium oxide hydrosol.—May Issue (1958).
15. -diketone complexes of Lanthanons—I—N. K. Dutt and P. Bandyopadhyay. Science and Culture, XXII, p. 690, 1957.
16. Do. II, *ibid.*, XXIII, p. 105, 1957.
17. Do. III, *ibid.*, XXIII, p. 365, 1957.
18. Dialkylthiocarbamidohydrazine (Dalzin) as an analytical reagent: Colourimetric determination of Palladium—N. K. Dutt and K. P. Sensarma. Science and Culture, XXIII, p. 249, 1957.
19. Oxalato and Malonato complexes of trivalent metals: Stabilities of tris-oxalato complexes of Iron, Chromium, Aluminium and Gallium—N. K. Dutt and B. Sur. Zeit. für anorg. und allg. Chem., 293, p. 195, 1957.
20. On the reactivity of pyridine N-oxide—Sadhan Basu and Kanailal Saha. Naturwissenschaften, 1957, 44, 633.
21. Group Localisation energy and polarographic half-wave potentials of aromatic nitro compounds—Sadhan Basu and Jayanti Nagchaudhuri, Nature, 1957, 180, 1478.
22. Para-localisation energy (free electron molecular orbital) and polarographic half-wave potentials of polynuclear aromatic hydrocarbons—Sadhan Basu and Rama Bhattacharyya, Nature, 1957, 180, 143.
23. Viscometric Investigation of Polyvinyl-pyridine—Silver interaction—Sadhan Basu and Sunilkumar Podder, Makromol. Chemie., 1958, 26, 25.
24. Studies on Mechano-chemical systems, Part II—Phanibhushan Raychaudhuri and Sadhan Basu. Makromol. Chemie., 1958, 26, 67.
25. Studies on Mechano-chemical systems, Part III—Phanibhushan Raychaudhuri and Sadhan Basu. Makromol. Chemie., 1958, 26, 75.
26. Localisation energy and radical reactivity in vinyl polymerisation—Rama Bhattacharyya and Sadhan Basu. Trans. Faraday Soc., 1958, 54, 576.
27. Viscometric investigation of polyvinyl pyridine-iodine interaction—Sunilkumar Podder and Sadhan Basu. Makromol. Chemie., 1958, 26, 266.
28. Polyelectrolyte chromotropes in meta-chromacy—Medinikanta Pal and Sadhan Basu. Makromol. Chemie., 1958, 26, 556.
29. Charge-transfer interaction between iodine and polynuclear aromatic hydrocarbons—Rama Bhattacharyya and Sadhan Basu. Trans. Faraday Soc., 1958, 54, 772.
30. Reduction potentials of conjugated unsaturated compounds—Rama Bhattacharyya and Sadhan Basu. Naturwissenschaften, 1958, 45, 675.
31. Magnetic perturbation of triplet transitions—Jayanti Nagchaudhuri and Sadhan Basu. Trans. Faraday Soc., 1958, 54, 917.

## DEPARTMENT OF PSYCHOLOGY :

1. Culture and Personality—S. C. Mitra. *Ind. J. Psy.*, 32, 1957.
2. Progress of Psychology in India from 1916-1950—Mitra and P. Mukhopadhyay. *Jap. J. Psy.*, 1958.
3. (a) The Origin of Psychology, (b) Motivation, (c) Repression, (d) Clinical Psychology, (e) Psychology of Language, (f) Depth Psychology and (g) Rationalization—Encyclopaedia of Psychology, Telegu Bhasha Samity, 1958. S. C. Mitra.
4. (a) Perception, (b) Perception of Motion, (c) Physiological Psychology, (d) Analysis of smell and (e) Skin Sensation—Encyclopaedia of Psychology. Telegu Bhasha Samity, 1958. K. C. Mukherjee.
5. Mental Deficiency and an Institution for Treatment and Training—D. Ganguly. Devanampiya, 1958.
6. Drug Addiction—N. N. Chatterjee. *Ind. J. Psy.*, 32, 1957.
7. Estimation of short temporal duration in two sense modalities—R. G. Chatterjee. *Ind. J. Psy.*, 33, 1958.
8. Assessment of Interest in two dimensions—R. G. Chatterjee. *Education and Psychology*, 5, 1958.
9. Socio-Industrial Maze—S. Sinha. *Ind. J. Psy.*, 33, 1958.

## DEPARTMENT OF GEOGRAPHY

1. A note for the Symposium on Flood Control—S. P. Chatterjee. *Proc. Nat. Acad. Sci. India*. Vol. 26, Part V, 1957. Edited the Hindi Edition of the National Atlas of India (Published by the Government of India, Ministry of Education and Scientific Research).
2. Spheres of Economic Influence and Power potentials—B. N. Mukherjee. *Geog. Rev. of India*, XIX, Sept., 1957, No. 3.
3. Soil formations of Uttar Pradesh—B. N. Mukherjee. *Observer*, 1957.
4. Instrumental methods of Soil Analysis—R. Lahiri. *Observer*, July, 1957.
5. Urban Regions in West Bengal, a few examples—M. Guha. *Geog. Rev. of India*, September, 1957.
6. Distribution of Cholera on the Soil of West Bengal—(Miss) Usha Sen. *Geographical Review of India*, September, 1957.

## DEPARTMENT OF PURE MATHEMATICS

1. On a type of Riemannian Space conformal to a flat space—R. N. Sen. *Jour. Ind. Math. Soc.*, Vol. XXI, Nos. 3, 4; September to December, 1957.

Abst.—In this paper a type of space is introduced which satisfies certain tensor equations. It is shown that if the type happens to be Cartan's symmetric, it is either a space of constant curvature, or else it admits a pair of teleparallelisms having properties analogous to those of Clifford's parallelisms.

2. A note on Implicit functions—H. M. Sengupta and B. K. Lahiri. *Bull. Cal. Math. Soc.*, Vol. 49, June, 1957.

Abst.—A set of sufficient conditions have been given so that a functional relation may define a continuous function.

3. A note on derivatives of a function—H. M. Sengupta and B. K. Lahiri. *Bull. Cal. Math. Soc.*, Vol. 49, December, 1957.

**Abst.**—This paper discusses certain properties of a point-set, where a function having an everywhere dense set of points of continuity and also an everywhere dense set of points of discontinuity has at least one of its derivatives infinite.

4. The doubly distributive  $m$ -lattice—A. C. Chaudhury. Bull. Cal. Math. Soc., Vol. 49, p. 71-74. 1957.

**Abst.**—It has been proved here that a doubly distributive  $m$ -lattice is a distributive lattice. Further three operations in such an  $m$ -lattice is connected a well known relation. This solves partly a problem proposed by G. Birkhoff.

5. A note on Ostrowski's generalisation of a theorem of Osgood—P. L. Ganguli. Bull. Cal. Math. Soc., Vol. 49, June, 1957.

**Abst.**—It has been shown that Ostrowski's theorem holds for a function of two variables, where it is a continuous function of one variable alone for each value of the other.

6. On a type of Einstein space—H. Sen. Bull. Cal. Math. Soc., Vol. 49, September, 1957.

**Abst.**—This paper generalises to  $n$ -dimensions certain known type of four-dimensional Einstein space which may either be of constant curvature or else of scalar curvature Zero.

7. On certain conformal mapping of a non-simple  $K$ -space—H. Sen. Bull. Cal. Math. Soc., Vol. 49, December, 1957.

**Abst.**—In this paper the nature of a space which is conformal to a non-simple  $K$ -space is investigated. It is shown that under certain circumstances may be a  $K$ -space and under others the covariant derivatives of the curvature Tensor of may be expressed in terms of the curvature tensor of and its vector of recurrence.

8. On the lattice of normal subfields—S. P. Pandeyopadhyay. Bull. Cal. Soc., Vol. 49, No. 3, September, 1957 (pp. 139-45).

**Abst.**—The lattice of normal subfields of the splitting field of a separable polynomial over a field is isomorphic with the lattice of the classes of polynomials whose roots are birationally connected with the factors of the given polynomial. This leads to a Topology whose closed elements form a lattice isomorphic with the lattice of normal subfields. This gives a new approach to the Galois Theory of equations.

## DEPARTMENT OF STATISTICS

1. Studies on the effectiveness of Board and University Examinations in India with a technical report on the study of variations in scholastic test evaluations.—P. K. Bose (Srinagar Seminar, May, 1958).

2. On some optimum compound decision procedures.—H. K. Nandi (C.S.A. Bulletin, Vol. 7, No. 27, pp. 87-100).

3. A practical problem of sampling.—B. Ghosh (C.S.A. Bulletin, Vol. 7, No. 28, pp. 167-171).

## DEPARTMENT OF PURE PHYSICS

1. Thermoluminescence Spectra of Lithium Fluoride.—A. K. Ghosh and B. C. Datta (Ind. J. Phys., Vol. 32, p. 47, January, 1958).

2. Spectral Study of Thermoluminescence Emission from Potassium Bromide and Sodium Bromide (Ind. J. Phys., Vol. 32, 155, April, 1958).

3. A note on Energy Levels of Polyatomic Molecules.—S. Datta-majumdar (Progress of Theor. Physics, Vol. 19, No. 4, April, 1958).

4. Angular Momentum in Quantum Mechanics.—S. Dattamajumdar (Nuovo Cimento, May, 1958).

5. Physics in Indian Universities.—P. C. Bhattacharyya (Nature, Vol. 181, p. 23, 1958).

6. Space group and Unit-cell of Harmine,  $C_{12}H_{10}ON_2$ .—Lilabati Ray (Zeits fur Krist (1957), 105, p. 5).

7. X-Ray analysis of the structure of Harman  $C_{17}H_{16}N_2$ .—S. B. Bhattacharyya and L. Ray (Zeits fur Krist (1958) 154, p. 9).

8. An X-Ray Study of the isomorphism between sulphates and fluoberyllates of lithium.—S. B. Bhattacharyya and L. Ray (Zeits fur Krist (1958), 154, p. 32).

#### DEPARTMENT OF BOTANY

Some observations on the Anatomy of *Acanthus ilicifolius* L. I. Banerji. Proc. 8th Pacific Science Congress, IV, 381-395, 1957.

'Embryology'. Progress of Science in India—I. Banerji, 1957 Section VI. Botany, pp. 48-63, Nat. Inst. of Science of India.

Chromosome number of some Asclepiadaceae—Indusekhar Biswas. 1957, Curr. Sci. 26 : 218.

Chromosome number in the genus *Heliotropium*—Pradyot K. Pal, 1957—Linn. Curr. Sci. 25 : 218.

Stomatal types in centrospermae—Subir Sen, 1958, Curr. Sci. 27 : 65-67.

Studies on the physiology of rice plant XIII. Distribution of free auxin in different organs of the plant. S. M. Sircar & M. Chakrabarty—Proc. Nat. Inst. Sci. (India) B, 23, 102-116.

World food problem and rice production in India. Presidential address—Jr. Sci. Club, August, 1957.

Photoperiodic studies in crop plant of South Asia. Ind. Jour. Genetics and Plant Breedings. 27, 379-384.

Physiology of rice plant—F.A.O. invitation lecture. Jr. Sci. Club, 21, 168-175, 1958.

Auxin relation of rice plant. Proc. Seminar Modern Development of Plant Physiology, Delhi University, 1957.

Studies on Heterothallism—III. *Lentinus subnudus* Berk. and *Lentinus praericidus* Berk.—S. N. Banerjee and S. Sanyal, 1957. Ind. J. Mycol. Res., 2 (1 and 2), 74-75.

Host-range and distribution of *Dacdalea flavide* Lec.—S. N. Banerjee and K. R. Samadder, 1956. Ind. J. Mycol. Res., 2 (1 and 2), 76-77.

Formation of sporophores of *Ganoderma lucidum* (Leyss.) Karst. and *Ganoderma applanatum* (Pers.), Pat. in culture. S. N. Banerjee and A. Sarkar (1956)—Ind. J. Mycol. Res. 2 (1 and 2), 80-82.

Nuclear phenomena and spore germination and in the primary and secondary mycelia of *Auricularia auricula-Judae* (Linn.) Schroet.—Banerjee, S. N. (1958)—Proc. Nat. Acad. Sc.

Further studies on *Polystictus sanguineus* (L.) May. in culture.—S. N. Banerjee and A. K. Sinha. Bull. Bot. Soc. Beng.

Chromosome studies in some Indian Barley, I.—A. K. Sharma. Proc. Nat. Inst. Sci. Ind., 1956, 22B : 246-254 (Abst. Karyotype analysis and study of meiosis have been carried out in six different Indian strains of *Hordeum vulgare* and the role of structural changes of chromosomes in the evolution of strains has been emphasized).

Artificial Polyploidy in Coriander—A. K. Sharma and P. C. Dutta, 1957. Caryologia, 10 : 152-153. (Abst. : Through colchicine treatment, tetraploidy has been induced in *Goriandrum sativum*, which has revealed a number of changed characters, most desirable. Seed-setting is very low.)

Effects of chemical treatments on foetal shoots—A. K. Sharma and

(Miss) Bibha Bhattacharyya. Ind. Agriculturist, 1 : 27-33, 19, 1957. (Abst. : Effects of Coumarin, Salicin and Aesculin on reproductive cells of *Phoenix vulgare* through injection have been reported. Coumarin has been found to cause the maximum irregularities. Reductional separation of chromosomes, that is, movement of some of the entire bivalents to one pole and some to the other, as well as lagging and early separation, are common in all. Nucleic acid disbalance has been considered to be the immediate cause.)

Cytology of Different species of Palms and its bearing on the solution of the problems of phylogeny and speciation—A. K. Sharma and S. K. Sarkar, *Genetica*, 28, 1957, 361-488.

Cytology of six species of *Asparagus* and *Lilium*—A. K. Sharma and (Miss) Bibha Bhattacharyya. *Yton*, 1957, 8 (1) : 1-12.

Cytology of *Asphodelus tenuifolius* Cav. A. K. Sharma and N. K. Bhattacharyya. *Caryologia*, 10, 220-339.

Chromosome studies in *Citrus* I—A. K. Sharma and A. K. Bal. 1957. *Agron. Lusit.* 19 : 103-126.

Cytological studies in *Begonia* I—A. K. Sharma and M. C. Bhattacharyya. *La Cellule*, 1957, LVIII : 307-329.

Evidences of cytological basis of differentiation in plants—A. K. Sharma and Archana Sharma. *Experientia*, 13 : 143-145. 1957.

Investigations leading to a theory regarding the basis of differentiation in plants. A. K. Sharma & Archana Sharma. *Genet. Iber.* 9 : 143-162, 1957.

Permanent smears of leaf-tip chromosomes—A. K. Sharma and Archana Sharma. *Stain Techn.*, 32 : 167-169, 1957.

Karyotype studies in *Cestrum* as an aid to taxonomy—A. K. Sharma and Archana Sharma. *Genetica*, 29 : 83-100, 1957.

Structural heterozygosity of *Cipura paludosa* Aubl—A. K. Sharma and (Miss) Talukdar. *Nature*, 180 : 662-663, 1957.

A cytological investigation of some *Convolvulaceae* as an aid in understanding their lines of evolution—A. K. Sharma and A. K. Chatterjee, *LYTON*, 9 : 143-157, 1957.

Structure and behaviour of chromosomes of species of *Acacia*—A. K. Sharma and N. K. Bhattacharyya, *YTON*, 10 : 111-112, 1958.

Cytogenetics and Plant Breeding, 1939-1950—A. K. Sharma and Archana Sharma. *Progress of Sciences in India : Section—Botany. Proc. Nat. Inst. Sci. Ind.* pp. 93-112, 1957.

Sex chromosomes in Palms—Santoshkumar Sarkar. *Genet. Iber.*, 9 : 133-142, 1957.

## DEPARTMENT OF APPLIED CHEMISTRY

1. Effect of cyanide on Biosynthesis of Ascorbic acids *in vitro*—I. B. Chatterjee, N. C. Ghosh, J. J. Ghosh and B. C. Guha, *Science*, 126, 608, 1957.

2. The enzyme system involved in the Biosynthesis of Ascorbic acid by animal tissues, *in vitro*—I. B. Chatterjee, N. C. Ghosh, J. J. Ghosh and B. C. Guha, *International Symp. Enzyme Chem.*, Tokyo, 1957.

3. The Site of the enzyme system involved in the Biosynthesis of Ascorbic acid—I. B. Chatterjee, N. C. Ghosh and B. C. Guha, *Science and Culture*, 23, 382, 1958.

4. Effect of cyanide on the biosynthesis of ascorbic acid by an enzyme preparation from goat-liver tissue—I. B. Chatterjee, J. J. Ghosh, N. C. Ghosh and B. C. Guha, *Biochem. J.* (in Press).

5. Enzyme synthesis of Ascorbic acid in animal tissues—B. C. Guha, *Soc. Biol. Chem. (India)*, 1958.

6. A method of Estimation of Bound Nicotinic acid (BNA) in Rice and wheat bran—M. L. Das and N. C. Ghosh, *Ind. J. Med. Res.*, 45, 4, 1957.



7. Isolation of the Bound form of Nicotinic acid—B. C. Guha and M. L. Das, *Nature*, 180, 1285, 1957.
8. Isolation of "Niacinogen" from wheat bran—M. L. Das and B. C. Guha, *Science and Culture*, 23, 156, 1957.
9. Amino acid make-up of Niacinogen—M. L. Das and B. C. Guha, *ibid.*, 23, 498, 1958.
10. Transaminases of *Leishmania donovani*, the causative organism of Kala-azar—A. N. Chatterjee and J. J. Ghosh, *Nature*, 180, 1425, 1957.
11. Electrophoretic behaviour of avian haemoglobin—R. Dutta, J. Ghosh and B. C. Guha, *ibid.*, 181, 1204, 1958.
12. Metabolism of acetate-1-C<sub>14</sub>, acetate-2-C<sub>14</sub> and Pyruvate-2-C<sub>14</sub> by rat liver tissues—N. C. Ganguly, S. P. Bagchi and B. C. Guha, *Bull. Natl. Inst. of Science, India* (in Press).
13. Effects of some derivatives of 2-amino-4-oxy-6-pteridine carboxaldehyde on the Growth of *Streptococcus faecalis* and *Lactobacillus arabinosus*—S. Ghosh, (Miss) D. Roy and B. C. Guha, *Naturwissenschaften*, 45, p. 115-16, 1958.
14. Role of penicillin in the development of induced penicillin resistance—B. C. Dutt and S. K. Bose, *Science and Culture*, 23, 877-378, 1958.
15. Mycobacillin—a new antifungal antibiotic produced by *B. subtilis*—S. K. Majumdar and S. K. Bose, *Nature*, 181, 184-185, 1958.
16. Significance of multiple pathways in adaptation. Part II. Inhibition of germination of *A. niger* as induced by phenylmethane dyes—S. K. Bose, *Ind. J. Med. Res.*, 45, 249, 1957.
17. Light scattering studies of cellulose solutions in conc. acids. Part I—J. Sci. Ind. Res. 16B, 289, 1957.
18. Cellulose Ion Exchange resins for purification and fractionation of Proteins, Part I—U. Ind. Chem. Soc., 34, 586, 1957.
19. Cellulose Ion Exchange resins for purification and fractionation of Proteins, Part II—J. Ind. Chem. Soc., 35, 173, 1958.
20. The fatty acid composition of the seed fat from "Sweetenia Macrophylla"—M. M. Chakrabarty and D. K. Chowdhury, *J. Am. Oil Chem. Soc.*, Vol. XXXIV, No. 10, 489-90, 1957.
21. The component fatty acids of "Cyandropsis pentaphylla" seed fat (N. O. Capridaceae)—M. M. Chakrabarty and A. Sengupta, *Science and Culture*, 23, 306, 1957.
22. The component Fatty acids of *Trichosanthes cucumerina* Linn—M. M. Chakrabarty and A. Sengupta, *Science and Culture*, 23, 306, 1957.
23. Studies on the application of urea-adduct segregation method to fats containing conjugated fatty acids—M. M. Chakrabarty, S. R. Chakrabarty and S. Sinha, *J. Ind. Chem. Soc., Ind. and News Ed.*, 20, No. 2, 1957.
24. The component fatty acids from the seed fat of *caesalpinia digynia*—M. M. Chakrabarty, D. K. Gupta and B. T. R. Iyengar, *J. Ind. Chem. Soc., Ind. and News Ed.*, 20, 1002, 1957.
25. The chromatographic separation of conjugated unsaturated fatty acids (separation of clostearic acid)—M. M. Chakrabarty, S. K. Palit, A. Banerjee and B. T. R. Iyengar—*Indian Soap J.*, 23, No. 11, 221, 1958.
26. Search for new amoebicides, Part I.—Kachru and Pathak, *J. Ind. Chem. Soc.*, 34, 611, 1957.
27. Search for new amoebicides, Part II—Kachru and Pathak, *ibid.*, 34, 768, 1957.
28. A note on the pozzolanic property of Ash from Bokharo Thermal Power Station—*Science and Culture*, 23, 100, 1957.
29. A study of the effect of grinding and storing in water on the hydraulic property of a granulated blast furnace slag—*Trans. Ind. Inst. Chem. Eng.*, Vol. IX, p. 1 (1956-57).
30. Water of plasticity of clay—*Ind. Ceramics*, Vol. IV, No. 2-7, 1957.
31. Use of strain viewer (Polariscope) in the detection and measurement of strain in Glass—*Indian Ceramics*, 4, No. 1, p. 24.

32. Sodium sulphide manufactured from Low-grade Indian Barytes—K. L. Roy *et al.*, Science and Culture. 23, p. 564, April 1958.

#### DEPARTMENT OF APPLIED PHYSICS

1. The dielectric properties of ester gum. A. K. Sen and G. N. Bhattacharya (Ind. J. Phys., Vol. 32, pp. 49-61, 1958).

*Abst.*—The dielectric properties of ester gum have been measured over a wide range of temperature and frequency, *viz.*, from 22°C to 140°C and from 400 cycles per second to 300 kc/s. The resin shows characteristic polar properties and the region of anomalous dispersion extends over a wide range. The maximum value of dielectric loss at any frequency is less than that demanded by Debye's theory and the plot against gives a much blunter curve than the theoretical one indicating thereby a distributed relaxation time of the orientating dipoles. The radius of the rotating unit, calculated from data reported here and the melt-viscosity data published earlier, gives an average value of 1.5 Å only, which is the same as that of a hydroxyl group. From the consideration of composition of ester gum it has been postulated that the dielectric loss of this resin is mainly due to the presence of glyceryl mono- and di-abiates in this resin.

2. Melt Viscosity of Ester Gum.—A. K. Sen and G. N. Bhattacharya (Jour. Assoc. App. Phys. Vol. 4, No. 2, pp. 72-77, 1957).

*Abst.*—Melt viscosity of ester gum has been measured over the range of temperature between 90°C and 125°C and activation energy for viscous flow has been calculated. The activation energy has been found to change abruptly round about 106°C. The value of the activation of energy has also been confirmed from the results of measurement of electrical resistivity of the material. The implications of this change of activation energy at 106°C has been discussed in this paper.

3. The dielectric behaviour of ester gum.—A. K. Sen and G. N. Bhattacharyya. (Science and Culture, 23, 45-46, 1957).

4. Application of Tensor in Transformer Circuits: III.—Problem of Magnetising current and performance characteristics of multi-winding transformer circuits.—S. P. Bhattacharyya. (Jour. Assoc. App. Physic. Vol. 4, No. 2, pp. 59-71, 1957).

*Abst.*—Tensor method is applied for finding out the performance characteristics of multi-winding transformers by assuming that the magnetising current flows through a secondary winding instead of a primary. This has been applied to a three winding transformer with two primaries and one secondary yielding results which are in agreement with those obtained from conventional methods.

5. Application of Tensor in Transformer Circuits: V.—The Moving Coil Voltage Regulator.—S. P. Bhattacharyya and M. N. Roy. (Journ. Assoc. App. Phys., Vol. 4, No. 2, pp. 78-86, 1957).

*Abst.*—Tensor method has been applied here in circulating the performance characteristics of the moving coil voltage regulator devised by Norris. Equations for voltages and currents under different load conditions have been obtained and verified.

6. Application of Tensor in Transformer Circuits: V. Performance characteristics of the moving coil voltage regulator.—S. P. Bhattacharyya. (Jour. Assoc. App. Phys., Vol. 4, No. 4, pp. 125-142, 1957).

*Abst.*—Tensor method has been applied to make a detailed study of different types of connections for the voltage regulator devised by Norris. Experimental arrangements were set up to verify the equations obtained. Good agreement has been observed between theoretical and experimental values.

# DEPARTMENT OF RADIO PHYSICS

1. Relation between noon F2-layer ionization and magnetic dip—J. N. Bhar. J. Atmos. Terr. Phys., March, 1957, Vol. 10, pp. 168-172.

*Abstract*—The relation between noon F2-layer ionization and magnetic dip for constant values of the solar zenith distance has been studied from world-wide data for 1953, instead of local mean time.

2. Models of the lower ionosphere as may be inferred from absorption results—P. Bandyopadhyay, Ind. Jour. Phys., Vol. XXXI, No. 6, June, 1957, pp. 297-308.

*Abstract*—Values of deviative and non-deviative absorption and their variations with cost are calculated from some of the proposed D and E region models. The results obtained are compared with the available experimental data. It is found that so far as the E region is concerned, A. P. Mitra's theoretical model is most consistent with the observed diurnal variation of absorption. For the F region, the model, as proposed by Jones, is found to be unacceptable.

Conditions which are to be satisfied by an acceptable F region model are discussed.

3. An analysis of transient response of junction transistor amplifiers—J. C. Bhattacharyya, Jour. Inst. of Telecom. Engineers, Vol. 3, No. 4, pp. 297-308.

*Abstract*—An exact solution of the one-dimensional diffusion equation as is applicable to a junction type of transistor has been obtained by the method of Laplace's transform. The solution has been utilized to derive an expression for the short-circuited output collector current with a step input forcing function. The time-independent part of this expression is found to be identical with the relation for steady state collector current as given earlier by Shockley. Experimental results on the transient response of Philips OC70 junction transistor have been shown to agree closely with the response obtained theoretically. It is concluded that under ordinary condition of operation the major physical process underlying transistor action must be the diffusion of minority carrier across the base region.

4. Propagation of an electric pulse through a homogeneous and isotropic medium—Bimal Krishna Bhattacharyya, Geophysics, Vol. XXII, No. 4, October 1957, pp. 905-921.

*Abstract*—The paper discusses the propagation of a step-function pulse in a medium characterized by the three electric constant, permittivity permeability and conductivity. The effect of the displacement current on the propagation is fully taken into account. Expressions of electric and magnetic fields are determined. It is shown that the time of travel of the pulse and the initial and final values of any one of the non-vanishing field components (all of which can be measured) fully specify the values of conductivity and permittivity of the medium.

5. Amplitude stabilized low frequency oscillator—A. K. Choudhury and B. R. Nag, Jour. Institution of Telecom. Engineers, Vol. 4, No. 1, pp. 36-45.

*Abstract*—The performance of a low frequency oscillator, stabilized with biased diodes or with lamps is described. The harmonic content in the output with different initial negative damping has been calculated and depicted in graphical form. Variation of the output amplitude with the variation of initial damping is also calculated.

A circuit arrangement for measuring the harmonic content in the output of the oscillator is also described.

6. The effect of a uniform magnetic field on electrodeless discharge in a tube and measurement of electronic mobility 1. Air—S. N. Goswami, Ind. Jour Phys., Vol. XXXII, No., January, 1958, pp. 35-41.

*Abstract*—Results of measurements of the percentage increase in the breakdown potential in a discharge tube filled with dry air and excited with a 50-cycles alternating voltage, under a uniform magnetic field and of the electronic mobility have been reported. Measurements are made for different pressures and under magnetic fields inclined at different angles with the electric field. Results are discussed from the standpoint of the theory proposed by Deb and Goswami (1956).

7. An electronic differential analyser—A. K. Choudhury and B. R. Nag, *Ind. Jour. Phys.*, Vol. XXXII, No. 2, February, 1958, pp. 91-108.

*Abstract*—An electronic differential analyser having sixteen operational amplifiers is described. The analyser is specially designed for solving equations arising in connection with research works on circuit theory, servo-mechanism and electron trajectories. The analyser works both repetitively and non-repetitively. Different sources of error of the computer elements are also discussed. Accuracy of the solutions obtainable by the machine is illustrated by some examples.

8. On linear delayed control systems. Part I—Considerations of stability—N. B. Chakraborti, *Ind. Jour. Phys.*, Vol. XXXII, No. 3, March, 1958, pp. 109-123.

*Abstract*—In this paper the problem of stability of delayed control systems has been studied. The location of the roots of some characteristic equations which can be considered as the sum of a rational function and a transcendental function has been discussed. Results are derived regarding stability of systems having the characteristic equation

$$(\rho^3 + a\rho^2 + b\rho + c)e^{\rho} + r\rho^n = 0$$

It is shown that by the application of simple graphical methods, viz., the dual loci technique and the dual Nyquist diagram, the location of the roots can be rapidly determined and information regarding stability readily obtained.

9. Analogue multiplier and function generator with cathode ray tube—A. K. Choudhury and B. R. Nag, *Ind. Jour. Phys.*, Vol. XXXII, No. 3, March, 1958, pp. 141-148.

*Abstract*: A multiplier and a function generator using a cathode ray tube with a capacitive pick up device are described. The device simplifies the construction of the multiplier and function generator without impairing the speed of response or the accuracy of the instrument.

10. Use of laguerre filters for realisation of time functions and delay—A. K. Choudhury and N. B. Chakraborti, *Ind. Jour. Phys.*, Vol. XXXII, No. 5, May, 1958, pp. 205-211.

*Abstract*—In this paper is presented a method of realising time functions, delays and delayed integrations by making use of Laguerre filters. Circuit arrangements for realising two classes of Laguerre functions are described. The method has the merit that the adjustments required for obtaining different operations present no difficulty.

11. The effect of a uniform magnetic field on electrodeless discharge in a tube and measurement of electronic mobility II. Oxygen, nitrogen, carbon dioxide and hydrogen—S. N. Goswami, *Ind. Jour. Phys.*, Vol. XXXII, No. 5, May, 1958, pp. 241-249.

*Abstract*—Results of measurements of the percentage increase in the breakdown potential and of electronic mobility in a discharge tube filled with  $O_2$ ,  $N_2$ ,  $CO_2$  and  $H_2$ , and excited with a 50-cycles alternating voltage, under a uniform magnetic field have been reported. Measurements are made at different pressures and under magnetic fields inclined at different angles with the electric field.

12. On the application of an electronic differential analyser for finding the roots of a polynomial—B. R. Nag, *Ind. Jour. Phys.*, Vol. XXXII, No. 5, May, 1958, pp. 212-217.

**Abstract**—A method of finding the roots of a polynomial with real coefficients by an electronic differential analyser is described. The principle underlying the method is to set up in the analyser a system having a transfer function, of which the numerator is the polynomial whose roots are to be obtained. The denominator of the transfer function is a suitably chosen polynomial. Roots of the polynomial are then obtained by determining the frequencies at which the system gives zero output.

## DEPARTMENT OF AGRICULTURE

1. Studies in Agricultural Economics: II. On the development of agriculture and village economy based on the Survey of typical village of West Bengal.—P. K. Sen (Ind. Agriculturist, Vol. I, Part II, 1957).

2. **Abstract**—Information gathered from an exhaustive survey of a typical West Bengal village is presented.

It becomes evident that the poverty of village economy can be resolved and sufficient capital formation for industrial development of the country can be achieved by developing agriculture on well known agronomic standards making fuller use of the existing lands and man power.

The necessary initial capital can be made available even with the gain raised at the present rate of production and the required enterprise may be created by appropriate land reform to provide economic sizes of holdings.

2. The Problem of Prices—P. K. Sen. (Indian Agriculturist, Vol. II, Part I, 1958).

**Abstract**—Factors contributing to the problem of agricultural prices are discussed. It is suggested that the problem is basically social.

3. Interaction of growth regulating substances and vitamin, amino acid and reducing and non-reducing sugars on root formation in *Justicia gendarussa* Linn F.) and mulberry (*Morus indicia* Linn).—P. K. Sen (Symposium on Modern Advances in Plant Physiology, Allahabad University, January, 1958).

**Abstract**—*Justicia* and mulberry show difference in their rooting behaviour. The former records a significant increase with IAA, IBA and NAA, but the latter shows an increasing effect only with IBA. *Justicia* shows very little beneficial effect with glucose and glutamic acid but with sucrose it shows a significant increasing effect. Mulberry shows no effect with sucrose but it shows significant increase with glutamic acid and glucose when supplied with IAA.

4. On the inheritance of photoperiodic reaction of rice.—P. K. Sen, (Nature, Vol. 182, 1958).

**Abstract**—The  $F_1$  plants, resulting, from crosses between period bound, photo-indifferent Aus varieties and season bound, photo sensitive Aman varieties of rice show an intermediate effect of photoperiodic reaction.

In respect of growth characters the  $F_1$  plants indicate an expression of hybrid vigour.

5. Peduncular branching in the spadix of *Dieffenbachia picta* Scott. (Fam. Araceae).—R. M. Datta. (Science and Culture 23, 375-76, 1958).

**Abstract**—This is a new record showing phylogenetic relationship with the family Palmae in system of classification.

6. Comparative studies on the genesis of sperms in the pollentubes of two cultivated jute species.—R. M. Datta. (La. Cellule LVIII(3) 289-303, 1957).

**Abstract**—It has been observed that the tube nucleus generally precedes the generative cell, sometimes follows the latter. It contains a nucleolus with a vacuole within. The generative nucleus.

Contains a nucleolus. Nuclear area is not discernible in the stained preparations in prophasic stages. It contains chromatin matters of different shape and size. They are noticed with form of chains, globules, streaks, etc. Sometimes parallel threads, long or short, are also observed. They are

Yenigen positive and are regarded as excess of heterochromatin connecting homologous euchromatic regions. Chromosomes divide equationally and extra chromosomes and heterochromatin are thrown out in the cytoplasm in course of division. Clear spindle is formed. Cytokinesis takes place by furrowing. More than two sperms are sometimes noticed.

7. Pollen grain studies in various types of *Corchorus olitorius*, L. C. (Capsularis L. and some other species of *Corchorus*.—R. M. Datta. (Grana Palynologica. Vol. 1(3), 18-24, 1958).

*Abstract*.—Fertility percentage of pollengrains in 31 types of *C. capsularis*. Eight types of *C. olitorius* and six other different species of *Corchorus* has been worked out. Measurements of the pollengrains of three types of *C. olitorius* ten types of *C. capsularis* and five other species not yet reported before are given.

After performing the test of significance by analysis of variance, it is noticed that there exists real variation among the species studied. Intergradations are noticed showing evolution of the genes to be of divergent type though in one direction, as shown by similar type of pollen morphology.

Meiotic liability in different *Corchorus* species very likely reflects on the grain size.

8. The relation of auxin to floral initiation and extension growth in Winter Rye.—T. M. Das. (Indian Agriculturist, Vol. 2, 14-27, 1958).

*Abstract*.—A new method of auxin assay has been described. Auxin content of the apex, growing ear and stem in relation to vernalization and day length has been studied. The change of auxin content in nodes and internodes during extension growth also determined.

9. Growth of Mesocotyl in Rice Embryos.—T. M. Das, (Science and Culture, Vol. 23, 149, 1957).

*Abstract*.—Growth of Mesocotyl, coleoptile and root of rice embryos under different photoperiods has been studied. Effect of different spectrums and oxygen tension on growth also has been analysed.

10. Variations in the chromosome number of *C. sidoides*. F. Muell.—S. J. Basak.—(Cm. Sci., March, Vol. 27, 101, 1958.)

#### DEPARTMENT OF APPLIED MATHEMATICS

1. On Decay of energy spectrum of Isotropic Turbulence: N. R. Sen. Proc. Nat. Inst. of Sc. of India, Vol. 23A, No. 6 (1957).

2. A note on the solution of linear equations by the method of least squares: P. K. Ghosh. Bull. Cal. Math. Soc. Vol. 50, p. 19 (1958).

3. Nonuniform Rotation of an Infinite Circular Cylinder in an Infinite Viscous Liquid: D. D. Mallick. Z.A.M.M. Bd. 37, Heft 9/10 (1957).

4. Secondary Flow in a Rotating Elliptic Pipe: D. D. Mallick. Proc. Nat. Inst. of Sc. Ind. Vol. 23A, No. 3 (1957).

5. Motion induced by a sphere vibrating along the axis of rotation of an infinite rotating liquid: D. D. Mallick. Proc. Nat. Inst. of Sc. Ind., Vol. 23A, No. 6 (1957).

6. Stellar Configuration with a Toroidal Magnetic Field: J. De. Zeits. für Astrophysik, Pd. 44, S. 249-54 (1958).

7. On Localized Axisymmetric Turbulence: K. M. Ghosh. Proc. Nat. Inst. of Sc. Ind. Vol. 23A, No. 5 (1957).

8. An exact Analytic solution of equations for an explosion with spherical symmetry: G. Deb Ray. Proc. Nat. Inst. of Sc. Ind. Vol. 23A, No. 5 (1957).

9. An exact solution of a spherical blast wave under terrestrial conditions: G. Deb Ray. Proc. Nat. Inst. of Sc. Ind. (Scheduled to be published in March issue, 1958).

10. Wave Resistance in deep water due to the Accelerated Motion of a Pressure System: R. N. Bhattacharyya. Proc. Nat. Inst. of Sc. Ind. Vol. 23A, No. 3 (1957).

11. Waveresistance of a Ship moving in a Circular Path: R. N. Bhattacharyya. Proc. Nat. Inst. of Sc. of Ind. Vol. 24A, No. 1 (1958).
12. Generation of fluid motion by a source moving parallel to and slightly below the free surface of a fluid: R. N. Bhattacharyya. Published in International Shipbuilding Progress, Rotterdam, Holland.
13. On the Solution of Transport Equation for Nutron diffusion in the Milne-Eddington Model: S. R. Dasgupta. Sc. and Cult. Vol. 23, p. 370 (Jan. 1958).
14. On the Solution of Transport Equation for Nutron diffusion in the Milne-Eddington Model: S. R. Dasgupta. Ind. Jour. of Theo. Phys. Vol. 5, No. 2 (1957).
15. Twisting of a Circular Cylinder of a cylindrically aeolotropic material by traction, distributed over a part of a terminal section with the other end fixed: P. P. Chatterjee. Jour. of Assn. App. Phys. Vol. 4, p. 108 (1957).
16. Torsion of a Circular Cylinder having a rigid inclusion: P. P. Chatterjee. Bull. Cal. Math. Soc. Vol. 49, p. 199 (1957).
17. A note on Torsion of Circular Shafts of variable Diameter: P. P. Chatterjee. Jour. of App. Mach. Vol. 24, p. 477 (1957).
18. Two-Dimensional Thermal Stresses due to Periodic supply of Heat on the straight Edge of a Semi-Infinite Plate: P. Choudhury. Jour. of Assn. of App. Phys., Vol. 4, p. 1 (1957).
19. Stresses in an elastic layer with varying modulus of elasticity: P. Choudhury. Bull. Cal. Math. Soc. Vol. 49, p. 99 (1957).

## APPENDIX F

*Committees—*

## Librarianship Training Committee for the year 1957-58—

The Vice-Chancellor.  
 The Director of Public Instruction, West Bengal.  
 Prof. P. N. Banerjee.  
 Sri P. K. Bose.  
 Sri B. B. Ghosh.  
 Sri Gopal Haldar.  
 Prof. S. P. Chatterjee.  
 Sri Pramilchandra Dasu (Librarian).

Committee to consider the matter regarding enrolment of students as collegiate and non-collegiate students :—

The Vice-Chancellor.  
 Sri P. K. Bose.  
 Sri C. K. Bhattacharyya.  
 Sri Gopal Haldar.

Committee to consider the question of giving priority to the Languages in implementing the scheme for starting the Institute of Languages :—

The Vice-Chancellor.  
 The Treasurer.  
 The Director of Public Instruction, West Bengal.  
 Prof. P. N. Banerjee.

Committee to consider the question of giving exemption from payment of a fresh non-collegiate students to the candidates who after being permitted did not avail the chance and pray for permission to appear at the same examination next year as non-collegiate students—

The Vice-Chancellor.  
 Sri P. K. Bose.  
 Sri C. K. Bhattacharyya.  
 Sri Gopal Haldar.

Committee to consider the question of implementing the scheme drawn up for running of the Calcutta Review :—

The Treasurer.  
 The Director of Public Instruction, West Bengal.  
 Sri P. K. Bose.  
 Sri Mohitkumar Maitra.

Committee to consider the Proceedings of Standing Committee of the Inter-University Board :—

The Vice-Chancellor.  
 Prof. S. P. Chatterjee.  
 Sri P. K. Bose.

\* Committee to consider the question of getting a suitable memorial of the late Dr. Harendra Coomar Mookerjee :—

The Vice-Chancellor.  
 The Treasurer.  
 Sri Hemendraprasad Ghosh.  
 Prof. P. N. Banerjee.  
 Sri R. P. Mookerjee.  
 Sri C. K. Bhattacharyya.  
 The Registrar (Secretary).



\* Selection Committee for appointment to the Taraprasad Khaitan Lectureship for the year 1957 :—

The Vice-Chancellor.  
Prof. P. B. Sarkar.  
Prof. N. R. Ray.  
Sri K. P. Khaitan.

Selection Committee for appointment to the Kamala Lectureship for the year 1957 :—

Prof. N. Dutta.  
Prof. K. P. Chattopadhyay.  
Sri S. Banerjee.  
Dr. S. K. De.  
Sri Ramaprasad Mookerjee.

\* Selection Committee for appointment to the Adharchandra Mookerjee Lectureship in Science for the year 1957 :—

The Vice-Chancellor.  
The Vice-President, University College of Science.  
Prof. N. R. Sen.  
Prof. P. B. Sarkar.

\* Selection Committee for appointment to the Girishchandra Ghosh Lectureship for the year 1957 :—

The Vice-Chancellor.  
Prof. S. C. Sengupta.  
Sri Sailendranath Mitra.  
Prof. Sukumar Sen.  
Sri Narendra Dev.

\* Selection Committee for the award of the Sir Devaprasad Sarbadhikari Gold Medal for the year 1957 :—

The Vice-Chancellor.  
Prof. P. N. Banerjee.  
Prof. N. R. Sen.  
Prof. P. B. Sarkar.  
Dr. S. K. Chakravorty.  
Sri A. C. Ukil.

\* Selection Committee for appointment to the Ramananda Lectureship for the year 1957 :—

The Vice-Chancellor.  
The Vice-President, University College of Arts.  
The University Professor of Economics.  
Prof. Niharranjan Ray.  
Sri Manindranarayan Ray.  
Editor of the Modern Review.  
Dr. Kalidas Nag.

\* Board of Management for the award of Bipradas Palchaudhuri Fellowship for the year 1958 :—

The Vice-Chancellor.  
The Vice-President, University College of Arts.  
Prof. J. N. Banerjee.  
Dr. Kalidas Nag.  
Sri Rana'it Palchaudhuri.  
Dr. P. C. Lahiri.  
Prof. S. B. Dasgupta.

\* Board of Adjudicators for the award of the Zainul Abedin Gold Medal for the year 1957 :—

The Head of the Department of Arabic and Persian, Calcutta University.

Aga Mirza Mohoshin Namazie.

Maulana Syed Ahmed Akbarabedi.

Mr. K. Dowlatshabi.

Sri Abdul Quadir.

Sri Hiralall Chopra.

\* Committee to consider the explanation submitted by Sri Lalmohan Bose, an Assistant in the Accounts and Audit Department.

Prof. P. N. Banerjee.

Sri S. N. Modak.

Committee to deal with the matter regarding purchase of Land at 51/2, Hazra Road :—

The Vice-Chancellor.

The Treasurer.

Prof. P. N. Banerjee.

Sri Kalidas Ray.

Sri B. B. Ghosh.

Committee to consider the proposal of the University Grants Commission for establishment of a health centre :—

Sri K. C. Chaudhuri—Convenor.

Sri N. K. Ghosh.

Sri B. B. Ghosh.

Principal P. K. Basu.

Principal A. K. Sen.

Principal A. C. Banerjee.

\* Special Committee for the award of the Jagattarini Gold Medal for the year 1957 :—

Sri Ramaprasad Mookerjee.

Prof. Nikhilranjan Sen.

Prof. Sasibhushan Dasgupta.

Dr. Suniti Kumar Chatterji.

Sri Tarasankar Bandyopadhyay.

\* Committee to consider applications from Colleges for participation in the Government Grants to non-Government Colleges :—

The Vice-Chancellor.

Prof. P. N. Banerjee.

Prof. S. K. Mitra.

The University Inspector of Colleges.

Committee to consider the resolutions passed at the 32nd Annual Meeting of the Inter-University Board of India :—

Prof. P. N. Banerjee.

Prof. J. P. Niyogi.

Committee to consider applications for appointment to the post of Secretary, Board of Health :—

The Vice-Chancellor.

The Treasurer.

Prof. P. N. Banerjee.

Prof. S. P. Chatterjee.

Sri N. K. Ghosh.

Committee with power to Co-opt to select books which will be removed to the new Building for Economics Department :—

Prof. Sarojkumar Bose.  
Dr. S. N. Sen.

Committee to consider the statement showing the qualifications, scales of pay, etc. of some of the staff of Bengal Tanning Institute forwarded by the Government of West Bengal in connection with the introduction of B.Sc. (Tech.) in Leather Technology at the said Institute :—

Prof. S. K. Mitra.  
Prof. B. C. Guha.  
Sri N. N. Sen.

Committee to consider the question of raising the rate of remuneration for Oral and Practical Test per candidate per subject at the D.T. & H. Examination :—

The Treasurer.  
Dr. Subodh Mitra.  
The Controller of Examinations.

Committee to consider the question of fixing the scale of remuneration for the Paper Setters and Examiners at the Diploma in Child Health Examination :—

The Treasurer.  
Dr. Subodh Mitra.  
The Controller of Examinations.

Committee to consider the question as to which of the Degrees and Diplomas are to be recognised as a Post-Graduate one :—

The Vice-Chancellor.  
The Director of Public Instruction, West Bengal.  
The Deans of All the Faculties.  
Prof. P. N. Banerjee.

\* Committee to consider the Secondary Education Bill introduced in the West Bengal Legislative Council :—

The Vice-Chancellor.  
Sri R. P. Mookerjee.  
Prof. S. K. Mitra.  
Prof. J. P. Niyogi.  
Dr. Subodh Mitra.  
Prof. S. P. Chatterjee.

\* Committee to consider the question of fixing the *per capita* rates for the B.V.Sc. Examination :—

The Treasurer.  
The Dean of the Faculty of Medicine.  
The Dean of the Faculty of Veterinary Science.  
The Principal, Bengal Veterinary College.

College Committee for considering and deciding on Inspection Reports of Professional Colleges for the year 1958-59 :—

The Vice-Chancellor.  
The Treasurer.  
The Dean of the Faculty of Medicine.  
The Dean of the Faculty of Engineering.  
Prof. P. N. Banerjee.  
Sri K. C. Banerjee.  
Sri B. B. Ghosh.  
The University Inspector of Colleges—Member-Secretary.

College Committee for considering and deciding on Inspection Reports of Colleges other than Professional for the year 1958-59 :—

The Vice-Chancellor.

The Treasurer.

The Dean of the Faculty of Arts.

The Dean of the Faculty of Science.

Sri C. K. Bhattacharyya.

Sri S. P. Mookerjee.

Sri P. K. Bose.

The University Inspector of Colleges—Member-Secretary.

Committee to consider the Resolutions of the 32nd Annual Meeting of the Inter-University Board :—

Prof. J. P. Niyogi.

Sri R. P. Mookerjee.

Prof. P. N. Banerjee.

\* Committee to consider the letter from U.G.C. regarding Capital Grant of Rs. 50,000 and a recurring grant of Rs. 5,000 for setting up Hobby Workshops in the University :—

Prof. S. K. Mitra.

Prof. B. C. Guha.

Sri A. C. Ray.

Prof. J. N. Bhar.

Prof. A. K. Sengupta.

Committee to consider the question of the revision of the grades of pay of the offices of the University :—

The Vice-Chancellor.

The Treasurer.

Prof. P. N. Banerjee.

Sri N. K. Ghosh.

Dr. Subodh Mitra.

Prof. J. P. Niyogi.

Sri R. P. Mookerjee.

Sri S. C. Ray.

Committee for the award of the Ramgopal Ghosh Scholarship for the year 1958 :—

The Vice-Chancellor.

Prof. B. C. Guha.

Prof. N. R. Sen.

Sri A. C. Ray.

Selection Committee for the award of the Kalyankumar Mukherjee Research Scholarship for the year 1958 :—

The Vice-Chancellor.

Prof. N. R. Sen.

Prof. B. C. Guha.

Prof. B. B. Sarkar.

Dr. Subodh Mitra.

Dr. B. B. Dutt.

Sri S. K. Mahalanobis.

Committee for the award of the Guruprasanna Ghosh Scholarship for the year 1958 :—

The Vice-Chancellor.

Sri Ramaprasad Mookerjee.

Sri K. C. Banerjee.

Prof. Nikhilranjan Sen.

Special Committee for the award of the Lila Prize for 1958 and for appointment to the Lila Lectureship for the year 1959 :—

The Vice-Chancellor.  
Dr. Sukumar Sen, M.A., Ph.D.  
Sri Pramathanath Bisi, M.A.  
Sri Chintaharan Chakrabarti.  
Sri Jyotishchandra Ghosh.

Committee to expedite the publication of the lectures in different languages :—

Sri Ramaprasad Mookerjee.  
Prof. J. P. Niyogi.  
Prof. N. R. Ray.

Committee to consider the Proceedings of the Standing Committee of the Inter-University Board of India :—

Prof. J. P. Niyogi.  
Sri Ramaprasad Mookerjee.

Committee to re-draft the Statutes, Ordinances and Regulations :—

The Vice-Chancellor.  
The Treasurer.  
Prof. J. P. Niyogi.  
Sri Ramaprasad Mookerjee.  
Dr. Subodh Mitra.  
Principal R. M. Ray.  
Sri Nirodkumar Bhattacharyya.

Committee to consider the question of reducing the height of the floors to 10 ft. and for air-conditioning of the multi-storied Building at 35, Ballygunge Circular Road :—

Prof. B. C. Guha.  
Dr. Subodh Mitra.  
Sri A. C. Roy.  
Sri K. O. Banerjee.  
Sri B. B. Ghosh.  
Prof. H. W. Mason.  
The Secretary, University Colleges of Science and Technology.  
A Representative of Messrs. Ballardie, Thompson and Mathews.  
The University Engineer.

\* Committee to consider the distribution of Government Grants to the non-Government Colleges for 1957-58 :—

The Vice-Chancellor.  
Prof. P. N. Banerjee.  
Prof. S. K. Mitra.  
The University Inspector of Colleges.

Sri S. C. Ray with the help of experts was appointed to prepare a report regarding the working in the Calcutta University Press.

The Selection Committee for the award of Sibley Scholarship for the year 1958 :—

The Vice-Chancellor.  
Prof. P. N. Banerjee.  
Sri Ramaprasad Mookerjee.  
Sri Bidhubhushan Ghosh.  
Sri Atulchandra Ray.  
Sri Kalachand Banerjee.

The Committee to consider the question of special allowances to University Teachers :—

The Vice-Chancellor.  
The Treasurer.  
Prof. B. C. Guha.  
Prof. J. P. Niyogi.  
Prof. N. R. Sen.  
Dr. Subodh Mitra.

Board of Adjudicators for the award of the Zainul Abedin Gold Medal for the year 1958 :—

The Head of the Department of Arabic and Persian.  
Sri Fazlur Rahman Baqi (P.-G. Studies in Arabic and Persian),  
Sri Said Ahmed Akbarabadi (College Council).  
Dr. H. Pirnabad, Consul-General for Iran.  
Sri Abdul Quadir, Member of the Dowris family.  
Sri Hiralal Chopra (Iran Society).

Committee to consider the proposal of Prof. J. P. Niyogi, for deleting the Ordinance 39 regarding Non-Collegiate students :—

Prof. J. P. Niyogi.  
Sri S. P. Mukherjee.  
Sri P. K. Bose.

\* Committee to consider the case of Sri Sambhunath Chatterjee, an Assistant in the office of the Controller of Examinations who prepared a faked Marksheet against a false challan and delivered to a medical student :—

Sri N. K. Ghosh.  
Sri S. N. Modak.

Committee to consider the question of creation of ten additional posts of Assistants in the office of the Registrar to cope with increased volume of work :—

Prof. J. P. Niyogi.  
Prof. S. K. Basu.  
One expert to be nominated by the Vice-Chancellor.

Selection Committee for the award of the Sarojini Basu Medal for 1958 :—

The Vice-Chancellor.  
Dr. Srikumar Banerjee (Faculty of Arts).  
Prof. S. B. Dasgupta (Board of P.-G. Studies in Modern Indian Languages).  
Dr. Gaurinath Sastri (Asiatic Society).  
Sri Jagadis Bhattacharyya (Bangiya Sahitya Parisad).

Committee to consider the Scheme on the question of development of the Asutosh Museum :—

Prof. J. P. Niyogi.  
Prof. Niharrajan Ray.  
Principal Gaurinath Bhattacharyya.

Committee to consider the question of appointment to the Rai Bahadur Biswessaral Motilal Halwasiya Lectureship for the year 1957 :—

The Vice-Chancellor.  
The Vice-President, University College of Arts.  
Head of the Department of Ancient Indian and Islamic Culture.  
Sri Subimal Datta.  
Prof. Niharrajan Ray (Board of Higher Studies).  
Dr. C. N. Ghoshal (Royal Asiatic Society).

Committee to scrutinise the applications for Research Scholarships in Humanities for the year 1958-59 :—

Prof. J. P. Niyogi.  
Prof. S. K. Basu.  
Principal P. K. Basu.

Committee for organising and implementing the Scheme for setting up University Board of Physical Education and Recreation :—

The Vice-Chancellor—*Chairman*.  
The Dean of the Faculty of Medicine.  
Sri P. K. Bose.  
Dr. A. C. Banerjee.  
Sm. S. E. Rani Ghosh.  
The Chairman, Calcutta University Sports Board.  
The Secretary, Board of Health, Calcutta University.  
Sri D. K. Choudhuri.  
Sm. Maya De.  
Capt. J. C. Banerjee.  
Sri B. B. Ghosh.  
Sri K. C. Banerjee.  
The University Inspector of Colleges.  
The Registrar, Calcutta University, Member-Secretary.

Selection Committee for appointment to the Adharchandra Mookerjee Lectureship in Arts for the year 1958 :—

The Vice-Chancellor.  
The Vice-President, University College of Arts.  
Dr. P. C. Gupta (College Council).  
Prof. N. K. Sinha (Faculty of Arts).

Committee to consider application for financial assistance from the Poor Students' Fund :—

The Treasurer—*Chairman*.  
Prof. J. P. Niyogi.  
Principal P. K. Bose.  
Principal Amites Banerjee.

## APPENDIX G

## Delegates and Representatives:—

<i>Names of Delegates and Representatives</i>	<i>Conference and Organisations</i>
Prof. K. P. Chattopadhyay	Seminar on "Race Relation in Africa" held in Delhi from 16th to 20th December, 1957.
Sri M. C. Ghosh	All India Seminar on "Teaching of Mathematics".
Prof. J. P. Niyogi	On the Committee to distribute the fund for Workers' Education.
The Vice-Chancellor or his nominee	On the 33rd Annual Meeting of the Inter-University Board, held in Peradeniya, Ceylon.
Prof. P. K. Sen	State Agricultural Research Committee.
Sri K. G. Goswami	To take part in the exhibition of recent archaeological discoveries at New Delhi as a representative of this University.
Prof. Asutosh Bhattacharyya Prof. Jitendranath Banerjee Prof. Niharranjan Ray Prof. Sukumar Sen	On the 19th session of the All India Oriental Conference held in Delhi.
Dr. Asima Chatterjee	To the Regional Symposium on Phytochemistry in S.E. Asia held in Kuala Lumpur.
Prof. N. K. Sinha	On the Research and Publication Committee of the 33rd Session of the Historical Records Commission in Delhi.
Dr. Subodh Mitra	In N.A.P.T. Commonwealth Chest Conference held in London.
Dr. D. Chakravarti, D.Sc., F.N.I.	On the Working Committee of the Cricket Association of Bengal and West Bengal United Nations Day Committee, Calcutta.
Prof. A. G. Stock	All India English Teachers' Conference held at Hyderabad.
Sri Pramathanath Bisi	On the Governing Body of the All India Bengali Literary Conference.
Dr. Sudhirschandra Niyogi	On the 10th Indian Pharmaceutical Congress held at Bombay.
Dr. D. N. Sen	On the Indian Institute of Public Administration.
Dr. N. K. Sinha	On the 20th Session of the Indian History Congress held at Vallabh Vidyanagar.
Dr. S. N. Sen	On the 40th Session of the Annual Conference of the Indian Economics Association, Nagpur.



*Names of Delegates and  
Representatives*

*Conference and Organisations*

Dr. P. K. Sen and Dr. S. N. Sen	On the 18th Annual Conference of the Indian Society of Agricultural Economics, Nagpur.
Sri Subimalkumar Mukherjee	On the 20th Indian Political Science Conference.
Sri B. Nag	On the Symposium on "Electronic Computers" held in Delhi.
Dr. A. S. Bhaduri	On the 10th Annual General Meeting and Technical Paper Session of the Indian Institute of Chemical Engineers held at Madras.
Dr. R. B. Das	On the East-West Conference of Philosophers held in Australia.
Dr. H. M. Sengupta	On the 23rd Annual Conference of the Indian Mathematical Society held at Cuttack.
Prof. B. C. Guha	On the 45th Session of the Indian Science Congress held at Madras.
Prof. J. L. Bhaduri	
Prof. S. P. Chatterjee	
Prof. P. K. Sen	
Sri Ajitkumar Nandi, M.A., F.C.A.	On the 11th Session of the All-India Commerce Conference at Nagpur.
Dr. Purnendukumar Basu	On the 3rd Indian Sociological Conference held at Agra.
Dr. P. K. Chaudhuri	On the 2nd Symposium on Cellulose Research held at Dehra Dun.
Dr. Bijanbihari Bhattacharyya	On the All-India Bengali Literary Conference held at Ahmedabad.
Prof. K. P. Chattopadhyay	On the Central Advisory Board of Anthropology.
Sri B. B. Ghosh	Nominated representative to the Working Committee of the Students' Health Home, Calcutta.
Dr. P. N. Banerjee along with other Professors of Calcutta University Law College.	On the First Conference of Teachers of Law in India held at Bangalore.
Prof. N. R. Sen	On the Defence Science Conference held at Delhi.
Dr. J. N. Bhar	
Dr. D. N. Ganguli	
Dr. D. Ganguli	On the 2nd All-India Nutrition Conference held at Ambala.
Prof. B. C. Guha, D.Sc., F.N.I.	

<i>Names of Delegates and Representatives</i>	<i>Conference and Organisations</i>
Sri D. K. Chaudhuri, B.Sc.	On the All-India Seminar for State Inspectors of Physical Education and University Directors of Physical Education held at Mahabaleswar, Bombay.
Dr. Gaurinath Bhattacharyya	On the 6th Session of Sanskrit Vishva Parishad held at Puri.
Dr. S. N. Ray	Annual Conference of the All-India Educational and Vocational Guidance Association. Jabbalpore.
Prof. K. P. Chattopadhyay Prof. S. C. Mitra	To attend an informal Seminar on 'National Unity Versus Group Isolation in India with reference to the University Education' held under the auspices of the University Grants Commission held at Delhi.
Prof. P. K. Sen	All-India Seminar on Irrigation Practices held in Delhi in June, 1958.
Sri N. K. Ghosh	On the Divisional Railway Users' Consultative Committee, Sealdah.
Sri N. K. Ghosh	Annual Meeting of the Inter-University Sports Board held in Jaipur.
Prof. B. C. Guha Prof. J. L. Bhaduri	On the State Fishery Advisory Board.
Sri K. S. Gupta	Seminar on Research in Problems of Secondary Education under the Second Five Year Plan held at Kashmir.

## Appendix H

### Examinations

#### INTERMEDIATE EXAMINATION IN ARTS, 1958

The number of candidates registered for the Intermediate Examination in Arts, held in March, 1958, was 30,339 of whom 14,060 passed, 14,958 failed, 1,127 were absent and 100 were expelled. Of the successful candidates 1,119 were placed in the First Division, 5,809 in the Second Division, 7,332 in the Third Division. Of the total number registered 8,066 were female candidates, of whom 339 were placed in the First Division, 1,211 in the Second Division and 1,227 in the Third Division. Of the unsuccessful candidates 11,079 failed in English, 4,117 in Vernacular Languages, 532 in Second Languages, 4,420 in History, 2,288 in Logic, 450 in Mathematics, 3,363 in Elements of Civics, 3,012 in Commercial Geography, 2,921 in Commercial Arithmetic and Book-keeping, 46 in Botany, 6 in Geography, 1 in Biology and 592 in the Aggregate.

†Also 132 candidates appeared in special subject or subjects of whom 95 passed.

Years	Number of Candidates*	Number Passed	Percentage of Passes*
1957	24,476	10,710	45.6
1958	29,212	14,260	49.1

\* Shows the percentage of passes on the actual number of students sitting for the examination, excluding those who were absent.

#### Female

†Of these 1 candidate appeared in English but could not pass.

„ „ 3 candidates „ „ Bengali and passed.  
 „ „ 2 „ „ Beng. & Com. Geo. and passed.  
 „ „ 1 candidate „ „ History and passed.  
 „ „ 1 „ „ Beng. & Hist. but could not pass.  
 „ „ 1 „ „ Hist. & Com. Geo. but passed in Hist. only.  
 „ „ 1 „ „ Beng. & Civics but could not pass.

#### Male

Of these 55 candidates appeared in Bengali only of whom 46 passed,

„ „ 2 „ „ Bengali and History but none passed.  
 „ „ 7 „ „ Eng. & Beng. of whom 4 passed in Eng. & 6 in Beng.

Of these	8	candidates appeared in	Civics & Com. Geo. and all passed.
" "	8	" "	" " Mathematics but none passed.
" "	1	candidate	" " Eng. & Urdu and passed in Urdu only.
" "	1	" "	" " Persian and passed.
" "	2	candidates	" " Logic and passed.
" "	8	" "	" " English of whom 6 passed.
" "	5	" "	" " Sanskrit and passed.
" "	2	" "	" " Hindi and 1 passed.
" "	5	" "	" " Civics and passed.
" "	19	" "	" " History of whom 11 passed.
" "	9	" "	" " Com. Geography and 7 passed.
" "	4	" "	" " Bengali & Com. Geo. 3 passed in Beng. & 2 in Com. Geo.
" "	2	" "	" " Eng. & Com. Geo. 1 passed in Eng. & 2 in Com. Geo.
" "	1	candidate	" " Bengali and Sanskrit and passed.
" "	1	" "	" " Arabic but could not pass.
" "	1	" "	" " Beng. & Civics and passed in Beng. only.
" "	1	" "	" " Beng. and Com. Arith. and passed.

The following table shows the percentage of passes in the various Vernacular Languages taken up by the candidates at the I.A. Examination in 1958 :—

Vernacular Languages	Number of candidates	Number passed	Percentage of Passes*
Alternative Paper in English ...	170	150	88.2
Bengali ...	26,412	22,483	85.1
Addl. Alternative Paper in Bengali. ...	589	474	80.4
Hindi ...	1,208	1,179	97.6
Addl. Alternative Paper in Hindi ...	53	45	84.9
Oriya ...	43	38	88.3
Assamese ...	4	4	100.0
Urdu ...	207	204	98.5
Addl. Alternative Paper in Urdu ...	35	35	100.0
Marathi ...	2	2	100.0
Maithili ...	...	...	...
Manipuri ...	1	1	100.0
Modern Tibetan ...	2	2	100.0
Gujrati ...	92	90	97.8
Tamil ...	112	110	98.2
Telugu ...	20	17	85.0
Kanarese ...	5	4	80.0
Khasi ...	2	2	100.0
Malayalam ..	84	84	100.0
Nepali ...	157	155	98.7
Gurumukhi ...	10	10	100.0
Sindhi ...	4	4	100.0
<b>TOTAL ...</b>	<b>29,212</b>	<b>25,093</b>	<b>94.1</b>

\* Shows the percentage of passes on the actual number of students sitting for the examination, excluding those who were absent.

The following table shows the percentage of passes in the various Classical Languages taken up by the candidates at the I.A. Examination, 1958 :—

Classical Languages	Number of candidates	Number passed	Percentage of Passes*
Sanskrit ...	3,445	3,146	91.3
Pali ...	16	15	93.7
Arabic ...	18	13	72.2
Persian ...	49	46	97.9
French ...	18	18	100.0
Alternative Paper in Bengali ...	587	524	91.9
Do. Hindi ...	48	48	100.0
Do. Urdu ...	45	45	100.0
<b>TOTAL ...</b>	<b>4,226</b>	<b>3,657</b>	<b>98.37</b>

\* Shows the percentage of passes on the actual number of students sitting for the examination, excluding those who were absent.

The following table shows the number of students taking up different subjects at the I.A. Examination, 1958, the number passed and the percentage of passes :—

Subjects	Number of candidates	Number passed	Percentage of passes*
English	29,212	18,133	62.0
History	15,933	11,513	72.2
Logic	7,838	5,550	70.8
Mathematics	586	1,360	23.2
Elements of Civics	28,427	25,060	88.1
Commercial Geography	22,280	19,268	86.4
Commercial Arithmetic and Book-keeping	19,172	16,251	84.7
Botany	364	318	87.3
Geography	113	107	94.7
Biology	5	1	20.0

\* Shows the percentage of passes on the actual number of candidates sitting for the examination, excluding those who were absent.

The following is a statement of the number of candidates who failed in one subject only :—

English	...	2,899
Vernacular Languages	...	318
Second Languages	...	98
History	...	775
Logic	...	515
Elements of Civics	...	1
Commercial Geography	...	268
Commercial Arithmetic and Book-keeping	...	1,576
Mathematics	...	54
Botany	...	27

The following is a classification of the candidates, according to the places at which they were examined, and the Classical Languages taken up by them :—

[illegible]

Centres	No. of candidates	SECOND LANGUAGES									
		Sanskrit	Pali	Arabic	Persian	Latin	French	Alternative Bangali	Alternative Hindi	Alternative Urdu	Ita.
Garbeta	...	19	...	...	...	...	...	...	...	...	...
Gobardanga	...	15	...	...	...	...	4	...	...	...	...
Habra	...	17	...	...	...	...	1	...	...	...	...
Hetampur	...	32	...	...	...	...	1	...	...	...	...
Howrah	...	120	1	...	...	...	7	...	...	...	...
Hughli	...	54	...	1	...	...	6	...	...	...	...
Itachuna	...	59	...	...	...	...	6	...	...	...	...
Jaipalguri	...	30	...	...	...	...	35	...	...	...	...
Jangipur	...	4	...	...	...	...	2	...	...	...	...
Jhargram	...	15	...	...	...	...	1	...	...	...	...
Jiaganj	...	21	...	...	...	...	...	...	...	...	...
Kailashahar	...	18	...	...	...	...	...	...	...	...	...
Kakumpong	...	...	...	...	...	...	12	...	...	...	...
Kama	...	16	...	...	...	...	1	...	...	...	...
Kandi	...	28	...	...	...	...	...	...	...	...	...
Katwa	...	39	...	...	...	...	...	...	...	...	...
Kharagpur	...	23	...	...	...	...	1	...	...	...	...
Krishnagar	...	35	1	...	...	...	12	...	...	...	...
Mahisadal	...	59	...	...	...	...	3	...	...	...	...
Malda	...	54	...	7	...	...	1	...	8	...	...
Midnapur	...	69	...	...	...	...	3	...	...	...	...
Nabadwip	...	40	...	...	...	...	...	...	...	...	...
Naihati	...	55	...	...	...	...	25	...	1	...	...
Raiganj	...	21	...	...	...	...	1	...	...	...	...
Rampurhat	...	28	...	...	...	...	4	...	...	...	...



Centres	No. of candidates	SECOND LANGUAGES									
		Sanskrit	Pali	Arabic	Persian	Latin	French	Alternative Bengali	Alternative Hindi	Alternative Urdu	Ita.
Ranaghat	...	38	...	...	...	...	...	2	...	...	...
Rangoon	...	...	...	...	...	...	...	1	...	...	...
Santipur	...	19	...	...	...	...	...	...	...	...	...
Serampur	...	64	...	...	...	...	...	5	...	...	...
Siliguri	...	38	...	...	...	...	...	2	...	...	...
Syamsundar	...	17	...	...	...	...	...	4	...	...	...
Taki	...	26	...	...	...	...	...	...	...	...	...
Tamluk	...	40	...	...	...	...	...	2	...	...	...
Uluberia	...	25	...	...	...	...	...	4	...	...	...
Utterpara	...	53	...	...	...	...	...	1	...	...	...
TOTAL	...	3,485	16	18	49	15	26	637	48	45	..

# INTERMEDIATE EXAMINATION IN ARTS, 1958

Comparative tab showing the number of candidates sent up from each Institution, the number passed, the number of the minimum marks allotted to each separate subject or the passing marks in the aggregate, and the percentage of successful candidates.

NAMES OF INSTITUTIONS	PASSED IN THE		FAILED IN																Percentage of successful candidates	REMARKS						
	No. of candidates		First Division	Second Division	Third Division	English	Vernacular Languages	Second Languages	History	Logic	Mathematics	Elements of Civics	Commercial Geography	Commercial Arithmetic	Physics	Chemistry	Botany	Geography			Zoology	Anthropology	Aggregate	Absent	Expelled	Admission cancelled
Agartala Maharaja Bir Bikram College (1)	...	262	11	51	60	119	66	1	19	4	...	28	23	3	...	1	...	...	...	...	6	3	2	...	47.1	
Aharbela Bysunundar College	...	76	2	8	18	12	20	1	5	2	...	2	14	6	...	...	...	...	...	...	...	1	...	...	37.3	
Amta Ramnaday College (2)	...	132	...	21	46	38	11	...	28	...	...	14	25	5	...	...	...	...	...	...	9	1	...	...	51.1	
Arambogh Netaji Mahavidyalaya	...	100	1	30	39	11	3	2	7	7	...	7	2	2	...	...	...	...	...	...	...	...	...	...	70	
Assam College (3)	...	178	6	13	47	10	10	3	7	16	1	11	10	31	...	...	...	...	...	...	3	2	2	...	54.5	
Assam Medical College	...	50	6	23	2	20	3	...	10	16	...	2	...	...	...	5	...	...	...	...	2	2	...	...	65.3	



**NAME OF INSTITUTION**

NAMES OF INSTITUTIONS	Number of candidates													PASSED IN THE	ENTERED IN										
	First Division	Second Division	Third Division	English	Vernacular Languages	Second Languages	History	Logic	Mathematics	Elements of Civics	Commercial Geography	Commercial Arithmetic	Physics			Chemistry	Botany	Geography	Zoology	Anthropology	Aggregate	Absent	Expelled	Admission cancelled	Percentage of successful candidates
Basisthat College (1)	281	334	66	117	552	162	389	30	65	27	511	7	38-1												
Belur R. K. Mission Vidyanandir	..	98	27	4	1	..	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	96-9	
Berhanpore Girls' College	..	76	628	1621	6	..	5	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	65-6	
Berhanpore K. N. College (2)	..	165	653	1736	26	..	71	1	6	5	..	..	..	..	..	..	..	..	..	..	..	..	..	61-2	
Bethune College	..	160	487	724	16	..	1	6	4	1	1	..	..	..	..	..	..	..	..	..	..	..	..	51-1	
Bishanpur Ramnanda College (3)	..	118	726	363	392	..	14	6	13	11	6	..	..	..	..	..	..	..	..	..	..	..	..	58-4	
Brabmananda Kesabchandra (4)	..	31	1	310	12	3	1	1	3	2	..	..	..	..	..	..	..	..	..	..	..	..	..	45-1	
Dalpur College (5)	..	69	316	1011	212	21	6	1	6	..	..	..	..	..	..	..	..	..	..	..	..	..	..	42-0	
Dordwan Ref College (6)	..	216	351	537	314	410	10	3	4	15	27	..	..	..	..	..	..	..	..	..	..	..	..	49-6	

## Burdwan Maharaja Udaychand Women's College

## Central Calcutta College

## Chandernagore College (7)

## Charuchandra College (8)

## City College (9)

## Contai P. K. College (10)

## Cooch-Bihar Victoria College (11)

## Darjeeling Govt. College

## Darjeeling St. Joseph's College (12)

## Desbandhu College for Girls

## Diamond Harbour Fakirchand College (13)

...	68	4	18	21	18	9	3	6	2	...	4	1	...	...	...	9	3	...	63.2
...	87	21	32	8	17	8	1	10	1	...	4	1	4	...	...	2	1	...	70.1
...	102	1	42	30	12	...	...	7	4	2	5	3	7	...	3	1	2	...	75.2
...	495	7	99	2	0	3	8	15	7	32	72	...	...	...	...	15	27	...	54.2
...	3312	109	67	14	319	140	19	186	136	2	14	132	...	...	...	63	41	...	47.4
...	291	835	130	74	98	88	10	18	136	...	...	647	134	...	...	...	...	...	66.3
...	154	...	21	31	61	11	336	66	233	...	...	...	...	...	...	7	2	1	36.2
...	47	4	8	17	9	1	...	8	9	...	1	...	...	...	...	...	4	...	67.4
...	49	421	14	3	1	...	1	...	...	1	2	3	...	...	...	1	...	...	79.6
...	75	1	623	21	10	420	12	...	16	17	...	...	...	...	...	...	2	...	41.1
...	229	444	13	2	3	533	52	3	4	818	...	...	...	...	...	1	2	...	40.1

(1) Of these, 14 were female candidates, of whom 2 passed in the 1st, 3 in the 2nd and 5 in 3rd Division.

(2) 1 passed in the 1st, 2 in the 2nd and 2 in the 3rd Division.

(3) 1 passed in the 1st, 2 in the 2nd and 1 in the 3rd Division.

(4) 1 passed in the 1st, 3 in the 2nd and 1 in the 3rd Division.

(5) 1 passed in the 1st, 3 in the 2nd and 4 in the 3rd Division.

(6) and all failed.

(7) 3 passed in the 1st, 12 in the 2nd and 9 in the 3rd Division.

(8) 3 passed in the 1st, 5 in the 2nd and 17 in the 3rd Division.

(9) 17 passed in the 1st, 101 in the 2nd and 118 in the 3rd Division.

(10) 9 passed in the 2nd and 11 in the 3rd Division.

(11) 8 passed in the 2nd and 11 in the 3rd Division.

(12) 2 passed in the 1st, 11 in the 2nd and 4 in the 3rd Division.

(13) 2 passed in the 2nd and 3 in the 3rd Division.

(14) 2

NAMES OF INSTITUTIONS	No. of candidates		FAILED IN																			Percentage of successful candidates	REMARKS		
	First Division	Second Division	Third Division	English	Vernacular Languages	Second Languages	History	Logic	Mathematics	Elements of Civics	Commercial Geography	Commercial Arithmetic	Physics	Chemistry	Botany	Geography	Zoology	Anthropology	Agriculture	Absent	Expelled			Admission cancelled	
Dinabata College (1)	93	211	39	30	12	1	4	3	1	15	3	1	15	...	...	...	...	...	...	...	...	...	...	55.4	
Dum Dum Motijheel College (2)	155	726	54	41	11	5	20	14	7	27	3	...	...	...	...	...	...	...	...	3	2	1	...	...	56.8
Dum Dum Sarojini Naidu Girls' College	29	...	3	11	13	1	1	4	...	1	2	...	...	...	...	...	...	...	...	...	1	...	...	...	50.0
Garbeta College	123	434	37	26	6	...	31	...	...	1	14	1	...	...	...	...	...	...	...	...	...	12	...	...	60.9
Garia D. B. Andrews (3)	45	116	11	8	9	2	4	2	...	1	1	...	...	...	...	...	...	...	...	...	1	...	...	...	63.6
Gobardanga Hindu College (4)	188	526	48	74	54	1	19	8	...	31	22	5	...	...	...	...	...	...	...	9	8	...	...	...	43.8
Gokhale Memorial Girls' College	57	14	19	16	...	1	...	4	1	2	2	...	...	...	...	...	...	...	...	1	...	...	...	...	85.9
Hetampur K. C. College	67	...	13	18	20	9	6	11	13	...	10	17	35	...	...	...	...	...	...	5	...	...	...	...	50.0
Howrah Girls' College	295	1473	52	...	...	...	19	13	44	20	1	2	1	...	...	...	...	...	...	11	2	...	...	...	47.3

Howrah Narasinha Datta College (5)	...	226	933	563	61	1	4	333	23	91	...	...	...	...	5	3	...	...	50.6
Hughli Mohsin College (6)	...	104	823	38	40	5	...	9	10	3	19	...	...	...	7	...	...	...	53.7
Hughli Women's College	...	61	638	17	8	...	...	2	...	...	...	...	...	...	1	2	...	...	86.4
Itanbura B. N.	...	111	739	24	35	11	5	8	2	...	...	...	...	...	...	1	...	...	63.6
Jalpaiguri A. C. (7)	...	231	11	12	66	73	35	1	6	16	27	36	36	...	...	8	3	4	51.9
Jalpaiguri Prasanna Deb Balika Vidyalaya	...	67	617	24	20	7	...	1	1	4	1	...	...	...	...	...	...	...	70.1
Jangipur College (8)	...	102	239	16	65	35	...	26	4	...	9	13	2	...	...	6	3	...	48.3
Jhargram Raj College (9)	...	32	111	9	5	3	...	6	...	2	3	4	...	...	...	...	...	...	65.6
Jisganj Sripat Singh College (10)	...	89	...	15	17	19	20	3	10	...	3	1	3	...	...	1	5	1	38.1
Kailasahar R. K. Mission College (11)	...	63	321	19	11	7	2	7	...	...	1	9	1	...	...	3	...	...	71.5
Kalimpong S. U. M. College (12)	...	55	412	11	12	1	2	...	13	15	...	5	...	1	...	1	...	...	49.9

- (1) Of these, 11 were female candidates, of whom 1 passed in the 2nd and 8 in the 3rd Division.  
 (2) 88 were female candidates, of whom 4 passed in the 1st, 12 in the 2nd and 30 in the 3rd Division.  
 (3) 27 were female candidates, of whom 1 passed in the 1st, 10 in the 2nd and 7 in the 3rd Division.  
 (4) 18 were female candidates, of whom 3 passed in the 3rd Division.  
 (5) 12 were female candidates, of whom 1 passed in the 1st, 1 in the 2nd and 4 in the 3rd Division.  
 (6) 6 were female candidates, of whom 1 passed in the 1st and 3 in the 3rd Division.  
 (7) 20 were female candidates, of whom 1 passed in the 1st and 7 in the 3rd Division.  
 (8) 9 were female candidates, of whom 1 passed in the 2nd and 1 in the 3rd Division.  
 (9) 7 were female candidates, of whom 1 passed in the 2nd and 1 in the 3rd Division.  
 (10) 9 were female candidates, of whom 2 passed in the 2nd and 1 in the 3rd Division.  
 (11) 6 were female candidates, of whom 2 passed in the 2nd and 2 in the 3rd Division.  
 (12) 17 were female candidates, of whom 2 passed in the 1st, 1 in the 2nd and 4 in the 3rd Division.

NAMES OF INSTITUTIONS	No of Candidates		PASSED IN THE	FAILED IN	Percentage of successful candidates												REMARKS							
	First Division	Second Division	Third Division		English	Vernacular Languages	Second Languages	History	Logic	Mathematics	Elements of Civics	Commercial Geography	Commercial Arithmetic	Physics	Chemistry	Botany		Geography	Zoology	Anthropology	Aggregate	Absent	Expelled	Admission Cancelled
Kelna College (1)	98	132	273	17	...	13	4	...	7	14	13	...	...	...	...	...	...	...	...	1	2	...	...	52.0
Kandi Raj College (2)	64	32	21	6	2	2	11	3	...	3	...	...	...	...	...	...	...	...	...	1	...	...	...	75.0
Katwa College (3)	117	101	36	11	12	5	8	7	...	16	1	7	...	...	...	...	...	...	...	4	1	...	...	56.0
Kharagpur College (4)	198	413	79	44	5	1	6	9	...	5	7	24	...	...	...	...	...	...	...	4	9	1	...	68.7
Krishnagar College (5)	201	1790	62	24	4	...	8	9	1	1	6	...	...	...	...	...	...	...	...	...	...	...	...	84.8
Kshudiram Bose Central College	28	...	4	6	12	2	...	...	...	6	8	10	...	...	...	...	...	...	...	...	...	...	...	85.7
Lady Brabourne College	117	70	40	3	1	1	...	...	1	8	...	...	...	...	...	...	...	...	...	1	4	...	...	14.0
Loreto College	34	7	16	7	...	...	1	1	...	2	1	...	...	...	...	...	...	...	...	...	...	...	...	89.2





NAMES OF INSTITUTIONS	No. of candidates		PASSED IN THE		FAILED IN												REMARKS							
	First Division	Second Division	Third Division	English	Vernacular Languages	Second Languages	History	Logic	Mathematics	Elements of Civics	Commercial Geography	Commercial Arithmetic	Physics	Chemistry	Botany	Geography		Zoology	M. Sc.	Aggregate	Absent	Expelled	Admission cancelled	Percentage of successful candidates
Rangajit College (1)	101	5	18	20	39	16	2	30	5	19	...	...	...	...	...	...	...	...	...	...	...	...	...	42.5
Sanskrit College	24	11	13	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	100.0
Santipur College (2)	108	128	15	24	15	...	2	2	...	7	5	3	...	...	...	...	...	...	...	...	...	...	...	70.4
Scottish Church College (3)	204	15	51	60	37	14	5	31	22	1	17	19	6	...	...	...	...	...	...	...	...	...	...	63.1
Serampur College (4)	161	4	28	11	35	11	3	19	5	11	6	15	...	...	...	...	...	...	...	...	...	...	...	45.6
Seth Anuradha Jaipuria College	203	6	38	16	75	14	1	3	11	1	26	31	65	...	...	...	...	...	...	...	...	...	...	45.0
Seth Soornajmali Jalan Girls' College	17	7	4	...	1	1	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	73.3
Sibirur Dinabandhu Institution	164	8	35	58	52	24	2	1	2	...	20	37	45	...	...	...	...	...	...	...	...	...	...	63.4
Sikhandri College (5)	611	2	12	15	23	12	6	9	8	...	2	...	...	...	...	...	...	...	...	...	...	...	...	47.5



NAMES OF INSTITUTIONS	No. of candidates		PASSED IN THE		FAILED IN											
Vidyasagar College (1)	724	13	152	156	263	122	117	138	75	5	2	8	20	14	4	49.6
Vijaygarh J. R. College (2)	118	63	20	14	7	15	2	8	20	10	1	1	1	1	1	49.6
Women's College	102	125	31	26	8	3	20	10	10	6	1	1	1	1	1	56.4
Women's Christian College	78	16	36	15	7	2	3	4	1	1	1	1	1	1	1	88.7
Non-Collegiate Students (Female)	2309	17	263	623	1226	845	85	204	63	20	4	2	1	1	1	40.4
Non-Collegiate Students (Male)	601	34	51	263	1226	845	85	204	63	20	4	2	1	1	1	30.7
External Non-Collegiate Students (Male)	601	34	51	263	1226	845	85	204	63	20	4	2	1	1	1	30.8
GRAND TOTAL	3011	112	644	1095	2556	1926	1017	1293	246	285	104	181	202	113	592	80.8
(1) Of these 141 were females of whom 5 passed in 1st, 33 in 2nd and 29 in the 3rd Division.	1119	5	809	7352	11079	4117	592	4120	2283	450	3363	3012	2921	592	1127	100
(2) 41 passed in 1st, 10 in 2nd and 11 in the 3rd Division.	1119	5	809	7352	11079	4117	592	4120	2283	450	3363	3012	2921	592	1127	100
Shows the percentage of passes on the actual number of candidates, sitting for the examination, excluding those who offered special subjects, or who were absent and whose admission was cancelled.	1119	5	809	7352	11079	4117	592	4120	2283	450	3363	3012	2921	592	1127	100
Percentage of successful candidates	1119	5	809	7352	11079	4117	592	4120	2283	450	3363	3012	2921	592	1127	100
REMARKS	1119	5	809	7352	11079	4117	592	4120	2283	450	3363	3012	2921	592	1127	100

## INTERMEDIATE EXAMINATION IN SCIENCE, 1958

The number of candidates registered for the Intermediate Examination in Science, held in March, 1958, was 15,735 of whom 6,480 passed, 8,951 failed, 254 were absent and 100 were expelled. Of the successful candidates, 1,851 were placed in the First Division, 3,102 in the Second Division and 1,477 in the Third Division. Of the total number registered 634 were female candidates, of whom 116 were placed in the First Division, 143 in the Second Division and 71 in the Third Division. Of the unsuccessful candidates 6,306 failed in English, 2,018 in Vernacular Languages, 4,018 in Chemistry, 6,050 in Mathematics, 3,637 in Physics, 30 in Botany, 789 in Biology, 8 in Geography and 3 in Anthropology.

\* Also 178 candidates appeared in the special subject or subjects of whom 85 passed.

Year	Number of candidates	Number passed	Percentage of Passes†
1957	14,567	6,913	49.2
1958	15,735	6,480	41.9

\*Shows the percentage of passes on the actual number of candidates sitting for the examination excluding those who were absent.

†There were 178 candidates who appeared in special subjects at the I.Sc Examination held in March, 1958 :—

*Male*

Of these 95 appeared in Mathematics only of whom 32 passed.

„ „ 7 „ „ Physics „ „ „ 7 „  
 „ „ 55 „ „ Biology „ „ „ 46 „  
 „ „ 1 „ „ M. Ph. C. and he passed in Physics only.  
 „ „ 1 „ „ M. Ph. C. B. and he was absent.

*Female*

Of these 15 appeared in Mathematics only of whom 5 passed.

„ „ 1 „ „ Physics only and she passed.  
 „ „ 2 „ „ Biology only and they passed.  
 „ „ „ „ Geography and she passed.

The following table shows the number of candidates, examined at the centres noted against them at the I.Sc. Examination, 1958 :—

Name of Centres	Number of Candidates	
Agartala	...	151
Amta	...	61
Azambagh	...	49
Asansol	...	344
Belurghat	...	75
Bongaon	...	136
Bankura	...	257
Barasat	...	46
Barisha	...	133
Belur	...	51
Berhampur	...	251
Birbhum	...	180
Bishnupur	...	153
Bolpur	...	86
Burdwan	...	337
Calcutta	...	9,391
Chandernagar	...	59
Cental	...	146
Cooch-Bihar	...	126
Darjeeling	...	114
Diamond Harbour	...	26
Garbeta	...	40
Gohardanga	...	112
Habra	...	40
Hetampur	...	103
Howrah	...	485
Hughli	...	112
Itachuna	...	104
Jalpaiguri	...	151
Jangipur	...	97

Total C.O. ...

Name of Centres	R.F.		Number of Candidates
	...	...	
Jhargram	...	...	51
Jiaganj	...	...	43
Kailasabari	...	...	23
Kalna	...	...	53
Kendi	...	...	45
Katwa	...	...	56
Kharagpur	...	...	127
Krishnagar	...	...	132
Malda	...	...	67
Midnapur	...	...	138
Nabadwip	...	...	178
Naihati	...	...	220
Raiganj	...	...	83
Rampurhat	...	...	55
Ranaghat	...	...	116
Santipur	...	...	69
Serampur	...	...	146
Siliguri	...	...	71
Syamsundar	...	...	57
Taki	...	...	57
Tamluk	...	...	110
Uluberia	...	...	101
Uttarpara	...	...	251
TOTAL		...	<u>15,785</u>

The following table shows the percentage of passes in the Vernacular Languages and the Alternative Paper in English taken up by the candidates at the I.Sc. Examination in 1958 :—

Vernacular Languages	Number of Candidates	Number Passed	Percentage of Passes*
Bengali ...	14,432	12,454	86.3
Hindi ...	746	726	97.3
Urdu ...	54	51	94.4
Assamese ...	1	1	100
Urdu ...	155	155	100
Nepali ...	64	64	100
Gujrathi ...	26	25	96.1
Tamil ...	54	54	100
Telugu ...	8	8	100
Gurumukhi ...	9	9	100
Malayalam ...	6	6	100
Khasi ...	3	3	100
Alternative Paper in English	174	165	94.8
Manipuri ...	1	1	100
Modern Tibetan ...	1	1	100
Kanarese ...	1	1	100
<b>TOTAL ...</b>	<b>15,735</b>	<b>13,725</b>	<b>88.0</b>

\* Shows the percentage of passes on the actual number of candidates sitting for the examination, excluding those who were absent



The following table shows the number of candidates taking up different subjects at the I.Sc. Examination, 1958, the number passed, and the percentage of passes :—

Subject		Number of Candidates	Number Passed	Percentage of Passes
English	...	15,785	9 075	57.6
Vernacular Languages	...	15,785	13,863	84.9
Chemistry	...	15,785	11 363	72.3
Mathematics	...	13,280	7,230	54.4
Physics	...	15,068	11,451	75.8
Botany	...	326	296	90.7
Physiology	...	23	23	100.0
Biology	...	6,371	5,632	88.4
Geography	...	197	194	98.4
Anthropology	...	42	49	93.8
Geology	...	121	121	100.0

The following is a statement of the number of candidates, who failed in one subject only :—

English	...	830
Vernacular Languages	...	231
Chemistry	...	184
Mathematics	...	1,798
Physics	...	128
Botany	...	36
Biology	...	538
Geography	...	7

# INTERMEDIATE EXAMINATION IN SCIENCE, 1968

Comparative Table showing the number of candidates sent up from each institution, the number passed, the number failed to obtain the minimum marks allotted to each separate subject or the pass marks in the aggregate, and the percentage of successful candidates :-

NAMES OF INSTITUTIONS	PASSED IN THE		FAILED IN												Percentage of Passes	REMARKS														
	Number of candidates	First Division	Second Division	Third Division	Compulsory subjects												Additional subjects													
					English	Vernacular (Bengali)	Others	Chemistry	Mathematics	Physics	Botany	Biology	Zoology	Geology				Geography	Physiology	Anthropology	Mathematics	Physics	Botany	Anthropology	M.S.	Zoology	Geography	Geology	Biology	Aggregate
Agartala Maharejs College (1)	152	28	31	16	52	16	...	27	44	14	1	3	...	...	...	1	1	...	...	...	...	...	...	...	...	...	8	1	61.4	
Arute Ramsaday College (2)	...	61	8	16	7	23	4	...	12	16	6	...	4	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	49.2	
Arumbegh Netaji Mahavidyalaya	...	49	3	12	13	3	9	...	2	4	1	...	4	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	82.6	
Assamol College	...	322	13	55	80	22	1	65	...	135	...	...	...	...	...	5	...	...	...	...	...	...	...	...	...	...	...	...	31.1	
Assamol Manimata Girls' College	...	21	4	12	1	2	2	...	...	1	...	2	...	...	...	3	...	...	...	...	...	...	...	...	...	...	...	...	80.9	
Assatqah College (3)	...	936	188	260	116	21	84	...	140	308	154	215	...	...	...	3	...	14	...	7	...	...	...	312	1	7	2	64.8		



[illegible]

Darjeeling St. Joseph's College (14)...	48	14	20	3	4	...	1	4	8	1	3	2	...	...	...	...	...	...	1	...	79'7
Dum Dum Motilal College	123	823	18	54	2	...	35	35	23	...	8	...	...	...	...	...	...	...	...	...	44'7
Fakirchand College (15)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	50'0
Garbheta College	39	31	5	11	10	...	11	6	...	2	...	...	...	...	...	...	...	...	...	...	46'1
Garia Dinabandhu Andrew's College (16)	62	713	823	15	...	...	20	20	17	...	3	...	...	...	...	...	...	...	...	...	45'5
Gobardanga Hindu College (17)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	34'8
Gobbale Memorial Girls' College	27	7	8	5	2	1	...	3	...	2	...	...	...	...	...	...	...	...	...	...	74'0
Gurudas College	10	1	2	...	5	2	...	1	...	1	...	...	...	...	...	...	...	...	...	...	30'0
Habra Srichaitanya College (18)	48	3	4	5	30	13	...	11	16	14	...	3	...	...	...	...	...	...	...	...	25'5
Hetampur K. C. College	103	817	16	60	17	...	44	44	28	...	4	...	...	...	...	...	...	...	...	...	35'0

- (7) Of these 1 was a female candidate and she passed in the Second Division.
- (8) " 4 were " candidates of whom 1 passed in the First and 2 in the Second Division.
- (9) " 13 " " " 1 " " " 1 " " "
- (10) " 40 were female candidates of whom 2 passed in the First, 9 in the Second and 6 in the Third Division.
- (11) " 2 were " " 1 " " Second Division.
- (12) " 3 were " " and no one passed.
- (13) " 6 were " " of whom 2 passed in the First and 2 in the Second Division.
- (14) " 13 were " " 3 " " First, 7 in the Second and 1 in the Third Division.
- (15) " 1 was a " candidate and she failed.
- (16) " 5 were " candidates and 1 passed in the First and 2 in the Third Division.
- (17) " 1 was a female candidate and passed in the Third Division.
- (18) " 3 were female candidates of whom 1 passed in the Second Division,



Kandi Raj College	...	46	916	6	7	2	...	311	4	...	1	...	1	...	...	...	67	4
Katwa College	...	60	1	4	2	13	24	18	3	15	...	4	...	5	...	...	1	2
Kharagpur College	...	126	17	42	6	37	4	11	29	13	...	8	...	7	...	...	1	51
Krishnagar College	...	181	23	3	1	238	2	12	32	12	...	1	...	4	...	...	61	8
Lady Brabourne College	...	63	80	21	1	3	...	1	...	3	...	...	...	4	...	...	92	0
Loreto House	...	20	10	8	...	...	...	2	2	...	...	2	...	3	...	...	90	0
Maharaja M. C. College (23)	...	424	15	49	40	23	86	...	...	...	...	242	...	15	...	...	9	7
Malda College (23)	...	65	3	15	7	11	14	10	35	18	...	1	...	3	...	...	1	39
Midnapur College (24)	...	137	14	33	17	52	24	16	45	14	...	1	...	3	...	...	2	5
Nabadwip Vidyasagar College	...	177	16	35	13	36	21	...	30	61	34	...	11	...	...	...	37	0
Neihati Bishu B. C. College (25)	...	200	6	38	17	5	33	...	32	65	25	...	1	...	...	...	3	1
Presidency College	...	167	...	6	...	1	...	...	...	...	...	...	...	...	...	...	97	6

- (19) Of these 17 were female candidates of whom 2 passed in the Second Division
- (20) " 4 were " " of whom 2 passed in the First and 1 in the Second Division.
- (21) " 8 " " " 1 " " 1 in the Second and 3 in the Third Division.
- (22) " 31 were female candidate of whom 2 passed in the First, 3 " " 1 " "
- (23) " 3 " female candidates and 1 passed in the First and 1 in the Second Division.
- (24) " 2 " " and no one passed.
- (25) " 6 were " " 1 passed in the Second Division.









## B.A. EXAMINATION, 1958

The number of candidates registered for the B.A. Examination, held in April, 1958, was 12,538 of whom 5,595 passed, 6,277 failed, 616 were absent, and 30 were expelled. Of the successful candidates 4,831 were placed in the Pass list, 73 passed with Distinction, 661 passed with Honours; 25 were placed in the First Class and 626 in the Second Class. Of the total number registered 4,350 were female candidates, of whom 7 were placed in the First Class, 245 in the Second Class, 23 passed with Distinction and 1,309 were placed in the Pass list. Of the unsuccessful candidates, 4,816 failed in English, 1,896 in Vernacular Languages, 388 in Second Languages, 2,239 in History, 2,839 in Economics, 381 in Philosophy, 268 in Mathematics, 29 in Botany, 9 in Geography, 21 in Education and 652 in the aggregate.

Also 481 candidates appeared in special subject or subjects of whom 312 passed. †

Years	Number of Candidates	Number Passed	Percentage of Passes*
1957	9,157	3,636	42
1958	12,538	5,595	47.2

\*Shows the percentage of passes on the actual number of candidates sitting for the examination excluding those who were absent.

*Female*

† Of these 67 appeared in Bengali Honours of whom 47 passed.

" 11	"	English	" " " 7	"
" 10	"	Philosophy and all were successful.		
" 9	"	History Honours of whom 5 passed.		
" 6	"	Economics	" " " 3	"
" 5	"	Sanskrit	" " " 2	"
" 3	"	English and Bengali and were successful.		
" 2	"	Mathematics Honours of whom 1 passed		
" 1	"	Mathematics and passed.		
" 1	"	Education and passed.		
" 1	"	English and passed.		

*Male*

Of these 90 appeared in Bengali Honours of whom 64 passed.

" 58	"	Economics	" " " 34	"
" 50	"	English	" " " 23	"
" 21	"	History	" " " 13	"
" 8	"	Sanskrit	" " " 5	"
" 8	"	Mathematics and 1 passed.		
" 7	"	Philosophy Honours of whom 2 passed.		
" 120	"	English and Bengali of whom 78 passed		
" 4	"	English, Bengali and Economics and were unsuccessful.		
" 8	"	English of whom 2 passed.		
" 2	"	English and Hindi of whom 1 passed.		
" 1	"	English, Additional Bengali and Alternative Bengali and passed.		
" 1	"	English, Bengali and Education and passed.		
" 1	"	Hindi and passed.		
" 1	"	French and passed.		

The following Table shows the percentage of passes in the various Vernacular Languages taken up by the candidates at the B.A. Examination 1958 :—

Vernacular Languages	Number of dates	Number Passed	Percentage of Passes*
Bengali ...	9,824	8,688	88'8
Addl. Alternative Bengali ...	1,440	1,241	86'8
Hindi ...	315	297	94'2
Addl. Alternative Hindi ...	48	27	56'2
Burmese ...	1	1	100
Urdu ...	37	37	100
Addl. Alternative Urdu ...	21	21	100
Uriya ...	6	6	100
Assamese ...	3	3	100
Addl. Assamese ...	2	2	100
Modern Tibetan ...	3	3	100
Telugu ...	4	4	100
Gujrathi ...	4	4	100
Tamil ...	10	18	94'7
Manipuri ...	1	1	100
Kanarese ...	1	1	100
Sinhalese ...	2	2	100
Malayalam ...	8	8	100
Nepali ...	83	83	100
Sindhi ...	1	1	100
Advanced Paper in English ...	98	82	83'6
Manipuri ...	1	1	100
<b>TOTAL</b> ...	<b>11,922</b>	<b>10,526</b>	<b>88'2</b>

\* Shows the percentage of passes on the actual number of candidates sitting for the examination excluding those who were absent.

The following Table shows the percentage of passes in the Second Languages, Honours and Pass, taken up by the candidates at the J.A. Examination, 1968 :—

Second Languages	HONOURS			PASS		
	Number of Candidates	Number Passed	Percentage of Passes*	Number of Candidates	Number Passed	Percentage of Passes*
Sanskrit ...	58	28	48.2	941	855	90.8
Pali ...	1	1	100	10	10	100
Arabic ...	1	...	Nil	1	1	100
Persian ...	4	4	100	10	8	80
French ...	5	3	60.0	...	...	...
Alt. Bengali ...	421	151	35.8	1,068	916	86.1
Alt. Hindi ...	6	...	Nil	46	44	95.6
Alt. Urdu ...	10	4	40.0	11	11	100
<b>TOTAL ..</b>	<b>506</b>	<b>191</b>	<b>48.0</b>	<b>2,082</b>	<b>1,845</b>	<b>93.2</b>

\* Shows the percentage of passes on the actual number of candidates, sitting for the examination, excluding those who were absent.

The following is a statement of the number of candidates who failed in one subject only :—

English	... 2,174
Vernacular Languages	... 220
Second Languages	... 11
History	... 261
Economics	... 488
Philosophy	... 174
Mathematics	... 83

The following is a classification of the candidates, according to the places at which they were examined, and the Classical Languages taken up :—

Centre	Number of Candidates	SECOND LANGUAGES (PASS)									
		Sanskrit	Pali	Arabic	Persian	French	Latin	Alt. Bengali	Alt. Hindi	Alt. Urdu	Alt. Assamese
Agartala	148	15	...	...	...	...	...	9	...	...	...
Amta	69	4	...	...	...	...	...	...	...	...	...
Asansol	148	16	...	...	...	...	...	17	...	...	...
Balurghat	91	7	...	...	...	...	...	1	...	...	...
Bongaon	145	14	...	...	...	...	...	8	...	...	...
Bankura	135	17	...	...	...	...	...	10	...	...	...
Berhampur	252	38	...	...	...	...	...	6	...	...	...
Birbhum	168	36	...	...	...	...	...	11	...	...	...
Bishnupur	85	14	...	...	...	...	...	15	...	...	...
Burdwan	285	51	...	...	...	...	...	22	...	...	...
Calcutta	7,630	666	10	1	9	8	1	777	45	11	1
Chandernagore	95	7	...	...	...	...	...	6	...	...	...
Contai	230	35	...	...	...	...	...	42	...	...	...
Cooch-Behar	148	27	...	...	...	...	...	3	...	...	1
Darjeeling	130	7	...	...	...	...	9	1	...	...	...
Diamond Harbour	68	6	...	...	...	...	...	15	...	...	...
Gobardanga	107	8	...	...	...	...	...	7	...	...	...
Hetampur	35	18	...	...	...	...	...	1	...	...	...
Howrah	340	50	...	...	...	...	...	13	...	...	...
Hughli	197	30	...	...	...	...	...	17	...	...	...
Jalpaiguri	288	16	...	...	...	...	...	47	...	...	...
Jiaganj	92	14	...	...	...	...	...	...	...	...	...
Kailasabur	36	10	...	...	...	...	...	...	...	...	...
Kalna	37	6	...	...	...	...	...	...	...	...	...
Krishnagar	167	24	...	...	...	...	...	25	...	...	...
Mahisadal	148	23	...	...	...	...	...	39	...	...	...
Malda	133	14	...	...	...	...	...	2	...	...	...
Midnapur	193	36	...	...	...	...	...	2	...	...	...
Nabadwip	137	29	...	...	...	...	...	2	...	...	...
Naibati	183	15	...	...	...	...	...	27	...	...	...
Raiganj	72	5	...	...	...	...	...	...	...	...	...
Serampur	157	44	...	...	1	...	...	4	...	...	...
Tamluk	138	24	...	...	...	...	...	9	...	...	...
Barisha	55	2	...	...	...	...	...	2	...	...	...
Garhbata	37	4	...	...	...	...	...	1	...	...	...
Jangipur	58	2	...	...	...	...	...	8	...	...	...
Kharipur	58	2	...	...	...	...	...	1	...	...	...
Santipur	53	10	...	...	...	...	...	...	...	...	...
TOTAL	12,538	1,341	10	1	10	8	10	1,149	46	11	2

The following table shows the number of candidates taking up different subjects at the B.A. Examination, 1958, Honours and Pass, the number passed and the percentage of passes :—

Subject	Honours			Pass		Percentage of passes
	Number of candidates	Number passed	Percentage of passes	Number of candidates	Number passed	
English ...	184	78	...	11,738	7,112	...
History ...	142	86	...	8,556	6,317	...
Economics ...	378	166	...	8,878	6,039	...
Philosophy ...	147	106	...	1,636	1,255	...
Mathematics ...	20	11	...	542	274	...
Botany ...	5	2	...	64	25	...
Geography ...	12	10	...	117	98	...
Anthropology ...	1	1	...	1	1	...
Linguistics ...	2	2	...	5	5	...
Islamic History ...	2	1	...	9	9	...
Ancient Indian and World History	5	5	...	9	8	...
Statistics ...	1	1	...	...	...	...
Education ...	...	...	...	161	140	...

# B.A. EXAMINATION, 1938

Comparative Table showing the number of candidates set up from each Institution, the number passed, the number failed to obtain the minimum marks allotted to each separate subject or pass marks in the aggregate, and the percentage of successful candidates :—

Names of Institutions	Number of candidates				PASSED																	FAILED IN				Percentage of successful candidates*	
	1st Class	2nd Class	Distinction	Pass	English	Vern. Languages	Second Languages	Linguistics	History	Education	Economics	Philosophy	Mathematics	Aggregate	Absent	Expelled	Admission Cancelled										
																		With Honours	Without Honours								
Ajartale M. B. B. College (1)	...	86	...	2	...	41	30	11	1	...	9	...	17	1	...	5	2	...	...	...	...	...	...	...	...	71.3	
Amra Ramnaray College (2)	...	47	...	...	...	24	16	2	...	...	7	...	9	...	1	...	2	1	...	...	...	...	...	...	...	...	51.0
Asansol College (3)	...	85	...	...	...	44	28	12	3	...	14	...	13	3	8	...	3	2	...	...	...	...	...	...	...	...	55.0
Asutosh College (4)	...	657	1	62	4	230	225	88	9	...	84	...	136	21	1113	41	20	3	...	...	...	...	...	...	...	...	5.2
Barangabasi College (5)	...	844	...	46	8	294	315	82	19	...	172	...	215	5	11	...	42	43	1	...	...	...	...	...	...	...	42.9
Ban-Hooghly Braharananda Keshab-chandra College (6)	...	8	...	...	...	4	4	1	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	50.0
Balurghat College (7)	...	68	...	...	...	33	31	17	1	...	10	...	9	...	...	...	1	2	...	...	...	...	...	...	...	...	50.0
Bendkura Christian College (8)	...	87	...	3	...	52	17	21	2	...	6	...	8	6	...	...	10	2	...	...	...	...	...	...	...	...	64.7





NAMES OF INSTITUTIONS	Number of Candidates				FAILED IN													
	1st Class	2nd Class	Distinction	Pass	PASSED													
					With Honours		Without Honours											
									English	Vern. Languages	Second Languages	Linguistics	History	Education	Economics	Philosophy	Mathematics	Science
									Aggregate	Ab-sent	Expelled	Admission cancelled	Percentage of successful candidates*					
Charuchandra College (14)	...	...	9	3	114	173	48	6	...	73	102	10	12	...	7	13	1	...
City College (15)	699	...	30	5	285	263	95	...	...	101	175	21	19	6	38	...	1	...
Contai P. K. College (16)	...	...	...	2	93	64	21	7	...	24	26	5	6	...	13	...	1	...
Cooch-Bihar Victoria College (17)	...	...	4	...	33	57	32	4	...	24	40	14	1	...	13	...	1	...
Derjeeling Govt. College (18)	...	...	3	...	17	20	3	1	...	7	23	9	...	...	2	1	...	...
Derjeeling Bonanda Salesian College ...	9	...	...	6	3	...	...	...	...	...	...	...	...	...	...	...	...	...
Derjeeling St. Joseph's College (19) ...	12	...	...	...	12	...	...	...	...	...	...	...	...	...	...	...	...	...
Diamond Harbour Fskirchand College (20)	36	...	...	...	9	25	5	1	...	14	17	...	...	...	3	...	...	...
Dum Dum Sarojini Naidu College for Women.	21	...	...	...	11	9	3	...	...	9	1	1	...	...	...	...	...	...
Garbha College (21)	17	...	...	...	8	7	1	...	...	2	4	...	...	...	1	...	...	...
Garia Dinesandhu Andrew's College (22)	10	...	...	...	4	5	2	...	...	6	5	...	...	...	...	...	...	...
																		40.0

Gobardanga Hindu College (23)	...	81	...	1	40	29	7	2	...	15	...	21	2	3	1	2	...	51.9
Betampur K. C. College	...	27	...	...	22	5	...	2	...	...	...	...	...	...	1	...	...	51.4
Howrah Girls' College	...	139	...	7	46	76	2	7	...	25	...	17	9	...	...	6	3	38.9
Howrah Narasinha Datta College (24)	...	46	...	1	23	16	3	...	...	11	...	13	3	...	...	...	...	52.1
Hooghly Mohsin College (25)	...	86	1	13	32	21	1	1	...	5	...	14	4	...	6	...	...	59.3
Hooghly Women's College	...	50	...	5	27	14	1	...	...	3	...	6	...	...	1	...	...	64.0
Jalpaiguri A. C. College (26)	...	145	...	9	59	56	4	1	...	23	...	36	3	...	...	8	3	47.8
Jalpaiguri Prasannadeb Balika Mahavidyalaya.	...	41	...	...	26	14	1	...	...	2	...	6	...	...	...	...	1	45.0
Jengipur College (27)	...	45	...	...	19	17	6	...	...	18	...	13	...	...	...	...	...	42.3
Jiangui Sripat Singh College (28)	...	75	...	...	27	29	7	2	...	9	...	9	2	...	...	2	4	38.0

\* Shows the percentage of Passes on the actual number of candidates sitting for the examination, excluding those who were absent.

- (14) Of these, 51 were female candidates of whom 15 were placed in the pass list.  
 (15) " " 295 " " 15 obtained 2nd Class, 2 got Distn. and 127 were placed in the Pass list.  
 (16) " " 14 " " " 1 obtained Distn. and 12 passed in the Pass Course.  
 (17) " " 34 " " " 1 obtained Second Class and 12 were placed in the pass list.  
 (18) " " 11 " " " 3 were placed in the Pass list.  
 (19) " " 2 " " " and all passed in the Pass Course.  
 (20) " " 13 " " " of whom 3 passed in the Pass Course.  
 (21) " " 1 was candidate and she failed.  
 (22) " " 7 were candidates of whom 4 were placed in the pass list.  
 (23) " " 17 " " " 11 " " "  
 (24) " " 3 " " " 1 was placed in pass list.  
 (25) " " 8 " " " 3 obtained 2nd Class and 2 passed in the Pass Course.  
 (26) " " 34 " " " 5 " " " 18 " "  
 (27) " " 4 " " " 2 were placed in the Pass list.  
 (28) " " 11 " " " 4 were placed in Pass list.



Nabadwip Vidyasagar College (37) ...	124	...	...	...	18	59	7	2	...	36	30	6	2	...	7	4	...	41'3
Nalhati Rishi Bankinichandra College (38) ...	118	...	...	...	65	42	4	...	...	15	8	11	...	...	7	2	...	54'3
Presidency College (39) ...	133	9	99	2	2	1	...	...	...	3	4	...	4	...	3	8	...	90'3
Raiganj College (40) ...	59	...	...	...	24	20	18	...	...	14	20	...	7	...	...	...	...	40'6
Santipur College (41) ...	48	...	...	1	1	20	...	1	...	3	12	...	...	...	2	2	...	40'0
Sanakrit College (42) ...	25	1	10	...	10	2	...	...	...	...	1	...	...	...	...	3	...	91'3
Scottish Church College (43) ...	305	2	42	...	151	67	23	2	...	23	25	12	4	...	20	7	1	65'4
Serampore College (44) ...	81	...	3	2	45	26	8	4	...	10	6	3	1	...	...	...	...	61'7
Seth Anandram Jaipuria College ...	38	...	...	...	14	17	12	1	...	8	11	...	...	...	...	1	...	41'1
Sibpur Dinabandhu College ...	82	...	...	...	17	14	2	2	...	6	8	4	...	...	...	...	...	53'1

(39) Of these 1 was female candidates and placed in the Pass list.  
 of whom 1 was placed in the Pass list.  
 9 were placed in the Pass list.  
 5 obtained Second Class and 23 were placed in the Pass list.  
 2 " " and 79 were placed in the Pass list.  
 1 was placed in the Pass list.  
 1 obtained Second Class and 3 were placed in the Pass list.  
 13 were placed in the Pass list.  
 9 were placed in the Pass list.  
 38 were placed in the Pass list.  
 1 obtained 1st Class, 27 obtained Second Class and 1 obtained Distinction.  
 4 were placed in the Pass list.  
 1 obtained Distinction and 3 were placed in the Pass list.  
 5 obtained Second Class and 4 were placed in the Pass list.  
 1 " 1st Class, 11 obtained Second Class and 47 were placed in the Pass list.  
 1 " Distinction and 15 were placed in the Pass list.  
 1 " " "

Names of Institutions	Number of candidates				PASSED													FAILED IN			
	1st Class	2nd Class	Distinction	Pass	English	Veru. Languages	Second Languages	Linguistics	History	Education	Economics	Philosophy	Mathematics	Science	Aggregate	Absent	Expelled	Admission Cancelled	Percentage of successful candidates*		
																				With Honours	Without Honours
South Calcutta Girls' College	...	56	...	...	26	23	15	5	...	6	10	4	...	3	2	...	...	...	46.4		
St. Paul's College	...	55	1	9	29	15	4	...	8	...	11	1	2	...	2	3	...	...	61.9		
St. Xavier's College	...	6	1	22	27	6	...	...	7	...	7	...	...	...	1	2	...	...	78.8		
Surendranath College (45)	...	357	...	20	145	133	35	7	...	41	96	10	7	16	...	8	1	...	47.2		
Suri Vidyasagar College (46)	...	100	...	6	51	36	11	5	...	7	21	3	3	...	3	2	...	...	58.1		
Syamsundar College	...	27	...	...	16	8	...	2	...	...	4	2	...	...	...	1	...	...	61.5		
Tamralipta Mahavidyalaya (47)	...	53	...	...	35	43	6	2	...	7	8	5	2	...	3	1	...	...	43.6		
Uttarpara R. Pearymohan College (48)	...	87	...	...	53	33	3	1	...	6	22	1	4	...	3	...	...	...	60.9		
Victoria Institution	...	168	...	9	89	54	9	1	...	13	28	6	...	3	8	1	...	...	50.2		
Vidyasagar College (49)	...	653	...	39	231	252	56	10	7	112	170	19	31	12	39	19	2	...	44.4		
Vijaygarh J. R. College (50)	...	42	...	...	27	14	1	...	8	...	9	...	...	...	2	...	...	...	64.3		

Women's Christian College	...	4	...	7	...	32	3	...	...	2	...	1	...	1	...	...	88.6
Non-Collegiate Students (Female)	...	1048	1	7	5	364	434	177	50	...	239	...	48	...	61	67	...
Non-Collegiate Students (Male)	...	524	1	3	3	158	289	73	43	...	214	...	160	...	34	40	...
Non-Collegiate External Students	...	1935	...	...	...	8	641	729	235	99	...	463	...	569	...	113	38.2
GRAND TOTAL	...	89261	25	636	73	4561	1616	1396	338	7	2239	...	3891	268	59	652	47.2

(45) Of these 139 were female candidates of whom 44 were placed in the Pass list.

(46) " 8 " " 6 were placed in the Pass list.

(47) " 10 " " 3 were placed in the Pass list.

(48) " 49 " " 26 were placed in the Pass list.

(49) " 154 " " 6 obtained Second Class and 54 were placed in the Pass list.

(50) " 25 " " 17 were placed in the Pass list.

\* Shows the percentage of passes on the actual number of candidates sitting for the examination, excluding those who were absent.

† Sc. - 35. Ed.-2.

## B.Sc. EXAMINATION, 1958

The number of candidates registered for the B.Sc. Examination held in April, 1958, was 5,853 of whom 2,611 passed, 3,123 failed, 119 were absent and 35 were expelled. Of the successful candidates 1,800 were placed in the Pass list, 389 passed with Honours (38 were placed in the First Class and 351 in the Second Class) and 422 passed with Distinction. Of the total number registered 369 were female candidates, of whom 3 were placed in the First Class, 56 in the Second Class, 25 passed with Distinction and 146 were placed in the Pass list. Of the unsuccessful candidates, 2,270 failed in Mathematics, 965 in Physics, 1,717 in Chemistry, 294 in Botany, 6 in Geology, 233 in Zoology, 4 in Geography, 176 in Physiology, 9 in Anthropology, 2 in Statistics and 69 in the aggregate. Also 114† candidates appeared in special subjects of whom 73 passed.

Years	Number of Candidates	Number Passed	Percentage of Passes*
1957	6,559	2,746	50.9
1958	5,853	2,611	46.1

\*Shows the percentage of passes on the actual number of candidates sitting for the Examination excluding those who were absent.

*Male*

†Of these 32 appeared in Chemistry Honours and 23 passed.

"	9	"	Zoology	"	9 passed
"	38	"	Mathematics	"	18 passed.
"	20	"	Physics	"	15 passed.
"	2	"	Physiology	"	2 passed.
"	2	"	Botany	"	were unsuccessful.
"	1	"	Anthropology Honours	"	and passed.
"	1	"	Psychology Honours	"	and passed.
"	1	"	Physiology	"	and passed.
"	1	"	Chemistry	"	and was unsuccessful.

*Female*

Of these 3 appeared in Chemistry Honours and 1 passed.

"	1	"	Botany	"	passed.
"	1	"	Mathematics	"	passed.
"	1	"	Physics	"	was unsuccessful.



The following Table shows centrewise the number of candidates registered for the B.Sc. Examination, 1958 :—\*

Name of Centres	Number of Candidates.*	Name of Centres	Number of Candidates.*
Agartala ...	67	Cooch-Behar ...	56
Anta ...	42	Darjeeling ...	36
Balorghat ...	18	Gobardanga ...	61
Bankura ...	82	Howrah ...	211
Barisha ...	42	Hughli ...	46
Berhampur ...	179	Krishnagar ...	67
Birbhum ...	82	Midnapur ...	186
Burdwan ...	153	Nabadwip ...	41
Calcutta ...	4,327	Santipur ...	20
Chandernagar ...	44	Serampur ...	137
Contai ...	71		

\* Includes the number of candidates appearing in special subjects.

The following is a statement of the number of candidates who failed in one subject only :—

Mathematics—451
Physiology—36
Zoology—38
Physics—101
Chemistry—327

The following Table shows the number of candidates taking up different subjects at the B.Sc. Examination, 1958 (Honours and Pass), the number passed and the percentage of passes :—

Subjects	HONOURS			PASS		
	Number of Candidates.	Number Passed.	Percentage of Passes.*	Number of Candidates.	Number Passed.	Percentage of Passes.*
Mathematics	212	90	42.4	4,691	2,421	51.6
Physics	227	123	54.1	4,608	3,643	79.0
Chemistry	218	45	20.6	4,719	3,002	63.6
Botany	43	16	37.4	765	471	61.5
Physiology	33	10	30.3	657	481	71.6
Zoology	41	28	68.2	787	554	70.3
Geology	48	28	58.3	79	...	...
Psychology	15	2	13.3	...	...	...
Anthropology	13	8	61.5	87	78	89.6
Geography	17	4	23.5	16	14	77.7
Statistics	24	22	91.6	32	30	93.7

\* Shows the percentage of passes on the actual number of candidates sitting for the Examination excluding those who were absent.

Comparative Table showing the number of candidates sent up from each institution, the number passed, the number failed to obtain the minimum marks allotted to each separate subject or the pass marks in the aggregate, and the percentage of successful candidates :—

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Burdwan Raj College (6)	145	1	4	12	47	54	14	29	...	...	...	...	...	2	5	1	45.7
Chandernagore College (7)	35	..	5	1	11	10	4	14	...	...	...	...	...	...	1	...	50.0
City College (8)	118	1	44	43	319	454	255	428	141	...	123	...	147	10	33	6	35.0
Cooch-Bihar Victoria College (9)	55	...	...	10	21	22	4	3	...	...	...	...	...	...	1	...	57.4
Contai P. K. College (10)	68	...	2	...	21	33	21	26	...	...	...	...	...	...	2	...	34.8
Darjeeling Govt. College (11)	28	...	1	2	12	6	2	4	...	...	...	...	...	1	...	1	53.5
Darjeeling St. Joseph's College	6	...	...	4	2	...	...	...	...	...	...	...	...	...	...	...	100.0
Gobardanga Hindu College	61	...	...	2	19	29	19	20	...	...	...	...	...	...	...	1	35.0
Howrah N. S. Datta College (12)	103	...	2	10	54	110	40	85	...	...	...	...	...	...	4	...	34.3
Hughly Mohan College (13)	33	...	7	4	13	6	3	4	...	...	...	...	...	...	...	...	72.7

- (1) Of these 63 were female candidates, of whom 1 obtained 1st Class, 6 obtained 2nd Class, 11 passed with Distinction and 21 in the Pass course.
- (2) Of these 1 was female candidate, and she passed in Pass Course.
- (3) Of these 12 were female candidates of whom 2 obtained 2nd Class and 5 passed in Pass Course.
- (4) Of these 3 were female candidates of whom 2 passed in Pass Course.
- (5) Of these 1 was female candidate and was unsuccessful.
- (6) Of these 6 were female candidates of whom 1 obtained 3rd Class and 3 passed with Distinction.
- (7) Of these 4 were female candidates of whom 1 passed in Pass Course.
- (8) Of these 122 were female candidates of whom 10 obtained 2nd Class, 3 passed with Distinction and 62 passed in Pass Course.
- (9) Of these 1 was female candidate and passed in the Pass Course.
- (10) Of these 1 was female candidate and she failed.
- (11) Of these 1 was female candidate and passed in Pass Course.
- (12) Of these 4 were female candidates, of whom 3 passed in Pass Course.
- (13) Of these 2 were female candidates, of whom 1 passed in Pass course.

[illegible]

Uttarpara R. P. M. College (6) ...	96	...	...	5	27	51	25	47	...	...	...	...	...	...	...	1	...	1	...	33'6
Vidyasagar College (Calcutta) (7)...	671	1	24	28	319	328	110	175	102	...	54	1	26	...	...	5	...	17	8	41'3
Non-Collegiate Students (Male) ...	3	...	...	...	...	2	2	2	..	...	...	...	...	...	...	...	...	...	...	nil
Grand Total	890	38	351	432	1,800	9,270	966	1,717	294	6	333	4	176	...	9	2	69	...	511	...

(1) Of these 1 was female candidate and passed with Distinction.

(2) Of these 3 were female candidates of whom 2 passed in the Pass Course.

(3) Of these 88 were female candidates, of whom 1 obtained 1st Class, 23 obtained 2nd Class, 1 with Distinction and 10 passed in Pass Course.

(4) Of these 27 were female candidates, of whom 1 obtained 1st Class, 12 obtained 2nd Class, 2 passed with Distinction and 6 passed in Pass Course.

(5) Of these 4 were female candidates of whom 3 passed in Pass Course.

(6) Of these 2 were female candidates of whom 1 passed with Distinction and 1 passed in Pass Course.

(7) Of these 73 were female candidates of whom 3 obtained 2nd Class, 3 passed with Distinction and 26 passed in Pass Course.

\*Shows the percentage of passes on the actual number of candidates sitting for the examination, excluding those who were absent.

## B.Com. EXAMINATION, 1958

The number of candidates registered for the B.Com. Examination held in May, 1958, was 6,317 of whom 2,436 passed, 3,518 failed, 348 were absent and 15 were expelled.

Of the successful candidates 13 were placed in the First Class, 1,610 in the Second Class and 813 in the pass list. Of the total number registered 9 were female candidates of whom 4 obtained 2nd Class, 1 passed and 4 were unsuccessful.

Of the unsuccessful candidates, 2,076 failed in English Composition, 1,949 failed in languages, 402 in Accountancy, 964 in Commercial Law, 1,567 in General Economics and Indian Economics, 618 in Business Organisation and Commercial Geography, 1,554 in Advanced Accountancy and Auditing, 139 in Banking and Currency, 26 in Statistics and Insurance, 55 in Public Administration and Public Finance, 1 in Land System and Agricultural Economics, 1 in Economic History and Modern Industrial Organisation and 152 failed in the Aggregate.

Years	Number of candidates	Number passed	Percentage of passes*
1957 ...	5,201	2,150	43.6
1958 ...	6,317	2,436	41.1

\* Shows the percentage of passes on the actual number of candidates sitting for the examination excluding those who were absent.

## B.COM. EXAMINATION, 1958

Comparative Table showing the number of candidates sent up from each institution, the number passed, the number failed to obtain the minimum marks allotted to each separate subject or the pass marks in the aggregate and the percentage of successful candidates :—

Name of Institution	No. of candidates	PASSED			FAILED IN																	Percentage of successful candidates				
		Class I	Class II	Pass	English Composition	Languages	Accountancy	Commercial Law	General Economic and Indian Economic	Business Organisation and Commercial Geography	Advanced Accountancy and Auditing	Trade, Tariff and Transport	Banking and Currency	Statistics and Insurance	Public Administration and Finance	Land Systems and Agricultural Economics	Economic History and Modern Industrial Organisation	Aggregate	Admission cancelled	Absent	Expelled					
Agarwala Maharaja Bir Bikram College	62	...	14	12	14	7	1	10	23	6	26	...	...	...	14	...	...	...	...	...	...	...	...	...	...	41.9
Aantosh College	294	...	78	37	119	107	25	55	103	35	54	...	...	...	...	...	...	...	...	...	...	...	...	...	...	40.7
Pangabasi College	149	...	30	17	55	31	8	14	49	11	40	...	...	...	...	...	...	...	...	...	...	...	...	...	...	38.3
Chandernagore College	34	...	9	5	14	5	...	4	5	2	12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	43.7
Charuchandra College (1)	162	...	25	20	57	19	16	30	41	16	45	...	...	...	2	...	...	...	...	...	...	...	...	...	...	35.2

(1) Of these 1 was a female candidate and she was unsuccessful.

Name of Institution	No. of candidates	PASSED		FAILED IN																	Total	Percentage of successful candidates
		Class I	Class II	Pass	English Composition	Languages	Accountancy	Commercial Law	General Economics and Indian Economics	Business Organisation and Commercial Geography	Advanced Accountancy and Auditing	Trade, Tariff and Transport	Banking and Currency	Statistics and Insurance	Public Administration and Public Finance	Land Systems and Agricultural Economics	Economic History and Modern Industrial Organisation	Aggregate	Admission cancelled	Absent		
City College	741	9	773	305	917	571	147	392	793	305	780	...	39	6	4	...	...	49	...	113	3	413
Gomka College of Commerce and Business Organisation	55	...	31	5	11	2	...	2	7	2	4	...	...	...	...	...	...	2	...	4	...	269
Kharagpur College	77	...	12	15	18	9	8	20	19	7	22	...	1	...	...	...	...	1	...	4	...	500
Nabaraja M. C. College	150	...	50	23	51	22	5	26	46	30	34	...	...	...	...	...	...	3	...	2	...	415
Nalhati Rishi Bankimchandra College	197	...	56	25	77	30	9	13	93	7	62	...	2	...	...	...	...	3	...	2	...	517
Kotha Anandram Jaipuria College	141	1	43	23	40	12	7	16	25	11	39	...	...	...	...	...	...	...	...	1	...	537
Gibpur Dinabandhu College	71	1	31	14	23	4	4	3	19	1	12	...	5	...	...	...	...	...	...	...	...	...
Rt. Xavier's College	264	2	138	26	43	33	11	31	52	13	27	...	2	...	...	...	...	3	...	...	8	618



Surendranath College	...	637	...	122	96	229	55	41	167	197	80	174	...	76	13	5	...	...	32	...	...	35°
Tamralipta Mahavidyalaya	...	20	...	5	...	12	1	4	5	10	...	11	...	...	...	...	...	...	...	...	...	25°
Vidyasagar College	...	181	...	32	15	77	47	19	32	74	80	47	...	9	5	7	...	...	2	...	4	38°
Vidyasagar College, Suri	...	27	...	12	2	12	...	...	...	6	...	9	...	...	...	...	...	...	...	...	...	53°
Non-Collegiate Students (Male)	...	4	...	...	1	1	1	1	2	2	3	3	...	...	...	...	...	...	...	...	...	25°
Non-Collegiate Students (Female)	...	4	...	...	1	3	...	2	2	2	1	1	...	1	...	...	...	...	...	...	...	25°
Non-collegiate students.	...	1,047	...	153	156	263	100	91	149	356	78	199	...	48	3	36	1	1	37	...	1	35°
GRAND TOTAL	...	6,317	13	1,610	313	2,076	1,049	402	961	1,867	618	1,354	...	139	2	55	1	1	153	...	16	41°

(2) Of these 4 were female candidates and they obtained IInd Class.

## LL.B. EXAMINATION, JULY, 1957

COLLEGES	Preliminary					Intermediate					Final							
	Number of candidates	Number Passed				Number of candidates	Number Passed				Number of candidates	Number Passed						
		First Division	Second Division	Total	Expelled		Absent	First Division	Second Division	Total		Expelled	Absent	First Division	Second Division	Total	Expelled	Absent
University Law College.	536	71	160	...	...	142	266	31	153	156	...	37	224	41	148	152	...	41
Surendranath Law College.	159	...	35	...	...	...	97	1	57	58	...	17	88	3	61	64	...	7
Non-Collegiate Student.	4	...	2	...	...	46	...	...	...	...	...	...	...	...	...	...	...	...
GRAND TOTAL ...	1699	71	197	204	...	188	363	4	210	214	...	54	312	7	209	216	...	48
	(a)						(b)						(c)					

(a) Of these, 17 were female candidates of whom 9 passed in Class II.

(b) " 8 " " " " 5 passed in " "

(c) " 5 " " " " 2 2 " " "

## LL.B. EXAMINATION, JANUARY, 1958

COLLEGES	Preliminary					Inter- mediate					Final							
	Number of candidates	Number Passed				Number of candidates	Number Passed				Number of candidates	Number Passed						
		First Class	Second Class	Total	Expelled Absent		First Class	Second Class	Total	Expelled Absent		First Class	Second Class	Total	Expelled Absent			
University Law College.	542	211	213	...	93	237	...	165	165	...	22	194	211	119	..	21		
Surendranath Law College	174	1	89	40	...	33	84	1	59	60	...	7	51	...	56	56	...	7
Non-Collegiate Student.	..	..	..	..	...	..	2	...	1	1	..	...	...	..	..	..	..	..
GRAND TOTAL ...	716(a)	3	250	253	..	126	328	1	225	226	...	29	275	2178	175	...	28	...
						(b)						(c)						

- (a) Of these there were 11 female candidates, of whom 7 passed in Class II and 2 were absent.
- (b) Of these there were 7 female candidates, of whom 5 passed in Class II and 1 was absent.
- (c) Of these there were 6 female candidates, of whom 4 passed in Class II and 1 was absent.

The following table shows the names of the Colleges from which the number of candidates appeared and the number passed according to the different sex at the First M.B.B.S. Examination, held in June, 1957.

Institutions	PART I				PART II				PARTS I AND II										
	No. of candidates registered	Number of successful candidates		Number Absent	Number of candidates registered		Number of successful candidates		Number Absent	No. of candidates registered	Number of successful candidates		Number Absent						
Bankura Sammilani Medical College	M. 50	F. ...	M. 22	F. ...	M. 6	F. ...	M. ...	F. ...	M. ...	F. 1	M. ...	F. ...	M. ...						
Calcutta Medical College ...	91	19	67	14	5	2	115	16	90	14	1	...	1	...					
Calcutta National Medical College	91	5	60	2	5	...	112	12	57	8	3	...	2	...					
N. R. Sircar Medical College	94	18	63	16	6	...	164	27	72	20	2	...	1	...					
R. G. Kar Medical College ...	135	...	73	..	?	...	120	...	54	...	2	..	1	...					
Total	...	461	42	26	32	24	2	451	55	273	42	8	...	53	1	4	...	3	...

The following table shows the name of the Colleges from which the number of candidates appeared and the number passed according to different sex at the First M.B.B.S. Examination, held in December, 1937 :—

Colleges	PART I					PART II			PARTS I AND II				
	Number of candidates Registered	Number successful	Number Absent	Number of candidates Registered	Number successful	Number Absent	Number of candidates Registered	Number successful	Number Absent	Number of candidates Registered	Number successful	Number Absent	Number of candidates Registered
Calcutta National Medical ...	M. 31 F. 3	M. 28 F. 3	M. ... F. ...	M. 48 F. 6	M. 38 F. 5	M. 1 F. ...	M. 16 F. ...	M. 4 F. ...	M. 1 F. ...	M. ... F. ...	M. ... F. ...	M. ... F. ...	M. ... F. ...
N. R. Sircar Medical ...	M. 22 F. 3	M. 17 F. 2	M. 1 F. 1	M. 71 F. 10	M. 56 F. 6	M. ... F. ...	M. 12 F. ...	M. 1 F. ...	M. 1 F. ...	M. ... F. ...	M. ... F. ...	M. ... F. ...	M. ... F. ...
Calcutta Medical ...	M. 33 F. 3	M. 28 F. 2	M. ... F. ...	M. 29 F. 3	M. 24 F. 3	M. ... F. ...	M. 4 F. ...	M. 3 F. ...	M. ... F. ...	M. ... F. ...	M. ... F. ...	M. ... F. ...	M. ... F. ...
R. G. Kar Medical ...	M. 60 F. ...	M. 38 F. ...	M. ... F. ...	M. 84 F. ...	M. 56 F. ...	M. ... F. ...	M. 18 F. ...	M. 4 F. ...	M. 1 F. ...	M. ... F. ...	M. ... F. ...	M. ... F. ...	M. ... F. ...
Bankura Sammelani Medical	M. 27 F. ...	M. 25 F. ...	M. ... F. ...	M. ... F. ...	M. ... F. ...	M. ... F. ...	M. ... F. ...	M. ... F. ...	M. ... F. ...	M. ... F. ...	M. ... F. ...	M. ... F. ...	M. ... F. ...
Total	M. 173 F. 9	M. 136 F. 7	M. 2 F. ...	M. 232 F. 19	M. 174 F. 14	M. 1 F. ...	M. 50 F. ...	M. 12 F. ...	M. 3 F. ...	M. ... F. ...	M. ... F. ...	M. ... F. ...	M. ... F. ...



Statement showing the number of candidates who appeared and were successful at the different parts of the Final M.B.B.S. Examination, held in November, 1967.\*

Institutions	Part I (b)			Part I (b) and Pathology			Pathology only			Part I			Part II			Parts I & II																			
	No. appeared	No. passed	No. absent	No. appeared	No. passed	No. absent	No. appeared	No. passed	No. absent	No. appeared	No. passed	No. absent	No. appeared	No. passed	No. absent	No. appeared	No. passed	No. absent																	
Calcutta Medical College.	M. F. M. 71	F. M. 839	F. M. 7 44	M. F. M. 33	F. M. 6 16	F. M. 4 1	M. F. M. 4	F. M. 2 3	F. M. 2	M. F. M. 13	F. M. 1 7	M. F. M. 53	F. M. 3 41	F. M. 3	M. F. M. 135	F. M. 18 37	F. M. 5 71	F. M. P. P.																	
National Medical College.	5	1	5	42	10	18	5	11	8	...	8	6	2†	...	17	3	15	3	...	68	9	33	4	1	...										
N. R. Sircar Medical College.	3	...	...	72	4	47	4	...	11	...	6	...	4	...	4	...	21	4	14	4	...	75	8	46	2	...	...								
R. G. Kar Medical College.	73	17	49	14	6	...	53	1	39	1	...	4	...	2	...	22	1	15	1	...	63	4	38	2	1	...	203	20	49	11	5	...			
Total	152	26	96	22	10†	...	199	21	119	14	1	...	30	2	19	2	...	47	2	32	...	1†	...	154	14	108	12	1	...	480	57	165	22	13	...

\* { No. Registered      No. absent      No. passed  
 { M.      F.      M.      F.  
 { 861      73      15      ...  
 † R.W.-1. Exam. Cont.-2.  
 ‡ R.W.-2.  
 § R.W.-1.

## M.A. EXAMINATION, 1957

## TABLE OF RESULTS

Subjects	Number of candidates registered	Passed in			Absent	Examination cancelled	Expelled	
		Class I	Class II	Class III				
English	188	...	31	46	45	6	...	...
Sanskrit	47	6	18	5	14	3	...	...
Pali	4	2	2	...	...	...	...	...
Arabic	1	...	1	...	...	...	...	...
Persian	3	3	...	...	...	...	...	...
French	2	...	...	...	1	...	...	...
Bengali	346	2	131	108	64	6	...	...
Hindi	20	...	12	2	6	...	...	...
Urdu	2	1	...	...	1	...	...	...
Modern Indian Language (Comb.)	2	...	1	...	1	...	...	...
Comparative Philology	6	...	3	2	...	...	...	...
History (New)	111	...	41	24	23	12	...	...
History (Old)	67	1	17	25	7	2	...	...
Ancient Indian History and Culture.	103	1	16	26	22	9		
Islamic History and Culture	21	...	16		2	...	...	...
Philosophy	101	5	40	16	15	15	...	...
Economics	159	5	28	34	30	15	...	...
Political Science	165	...	44	47	30	8	1	...
Pure Mathematics	28	.	...	1	2	3	...	...
Applied "	3	2	...	...	...	...	...	...
Psychology	10	1	6	3	...	...	...	...
Anthropology	1	...	1	1	...	...	...	...



Subjects	Number of candidates registered	Passed in			Absent	Examination cancelled	Exp lled	
		Class I	Class II	Class III				
Geography	12	8	7	...	...	...	...	...
Statistics	8	...	1	1	...	...		
Education	23	8	11	1	7	...		
Commerce	864	1	103	122	77	10		
Total	1,772	86	530	66	347	89	1	...

\* There were 404 female candidates, of whom 267 passed (Class I—6, Class II—127, and in Class III—135).

## M.Sc. EXAMINATION 1957

Table of Results

Subjects	No. of Candidates registered.	PASSED IN CLASS			Absent.	Examination cancelled	Expelled.
		I	II	III			
Pure Mathematics	168	10	18	25	39	15	
Applied Mathematics	86	12	13	2	5	...	
Physics (New Syllabus)	57	4	5	1	5	...	
Physics (Old Syllabus)	11	...	6	2	...	...	
Chemistry	41	5	25	1	2	...	
Botany	25	7	13	...	2	...	
Zoology	18	8	10	...	...	...	
Geology	18	6	11	...	1	...	
Physiology	19	3	12	1	1	...	
Psychology	22	1	13	4	4	...	
Anthropology	9	1	7	...	...	...	
Statistics	16	2	4	6	...	..	
Geography	5	2	3	...	...	...	
Education	5	1	2	...	2	...	
...	...	...	...	...	...	...	
...	...	...	...	...	...	...	
TOTAL	450	62	172	42	61	15	

\* Of these 56 were female candidates of whom 43 passed (Class I—8, Class II—28 and Class III—4).

# M.Sc. TECH., 1987, PARTS I AND II

Institution	Part I, August						Part II, July					
	Applied Chemistry		Applied Physics		Radio Physics		Applied Chemistry		Applied Physics		Radio Physics	
	No. appeared	No. passed	No. appeared	No. passed	No. appeared	No. passed	No. appeared	No. passed	No. appeared	No. passed	No. appeared	No. passed
University College of Science and Technology.	37	31	56	30	21	13			33	33	36	33
											17	17

Total No. appeared in Part I—105

" passed in Part I—61

" appeared in Part II—86

" passed in Part II—80



"	"	"	"	"	(12)	20	7	5	3	...	...	15	...	...	...	68.3
"	"	"	"	"	"	2	...	...	2	...	...	2	...	...	...	100.0
"	"	"	"	"	"	16	...	6	8	...	...	14	...	...	...	87.5
"	"	"	"	"	"	1	...	...	1	...	...	1	...	...	...	100.0
"	"	"	"	"	"	1	...	...	...	...	...	1	...	...	...	100
"	"	"	"	"	"	1,253	...	...	...	...	1,077	1,077	...	...	31	88.1
I.Sc. (Agri.) Comp., September, 1957					...	...	...	...	...	...	...	4	...	...	...	80.0
I.A. (Comp.) September, 1957 (14)					...	5	...	...	...	...	626	626	...	...	12	84.9
I.A. Supplementary, September, 1957					...	749	...	...	...	...	...	2	...	...	...	100
I.Sc. (Comp.) September, 1957 (15)					...	2	...	...	...	...	45	45	...	...	...	75.0
I.Sc. Supplementary September, 1957					...	60	...	...	...	...	5	5	...	...	1	55.5
D.P.H. I, September, 1957					...	10	...	...	...	...	2	2	...	...	...	66.6
D.O.M.S. II, September, 1957					...	3	...	...	...	...	7	7	...	...	...	87.5
D.I.H. Pt. I, September, 1957					...	8	...	...	...	...	1	1	...	...	...	100
B.Sc. (Agri.) Comp. October, 1957					...	1	...	...	...	...	10	10	...	...	2	76.9
B.Sc. (Agri.) Comp. Pt. I October, 1957					...	15	...	...	...	...	8	8	...	...	...	53.3
B.D.S. I, November, 1957 (16)					...	15	...	...	...	...	7	7	...	...	...	58.3
B.D.S. II November, 1957					...	12	...	...	...	...	...	...	...	...	...	...
B.D.S. III, November, 1957 (17)					...	...	...	...	...	...	...	...	...	...	...	...

- (1) 1 was a female candidate and was unsuccessful.  
 (2) 8 were female candidates of whom 2 obtained Class I, 1 in Class II and 1 in Class III and 4 were absent.  
 (3) 2 were female candidates of whom 1 passed.  
 (4) 3 were female candidates of whom 1 passed in Class II.  
 (5) 6 were female candidates of whom 4 passed.  
 (6) 1 was a female candidate and was successful.  
 (7) 14 were female candidates of whom 5 passed.  
 (8) 6 were female candidates of whom 5 were unsuccessful and 1 was absent.  
 (9) 1 was a female candidate and was successful.  
 (10) 2 were female candidates of whom 1 passed in Class III.  
 (11) 1 was a female candidate and was unsuccessful.  
 (12) 4 were female candidates of whom 2 passed in Class I, 1 in II and 1 was absent.  
 (13) 3 were female candidates of whom 2 passed in Class II and 1 in Class III.  
 (14) 328 were female candidates of whom 274 passed and 3 were absent.  
 (15) 43 were female candidates of whom 35 passed.  
 (16) 1 was a female candidate and failed.  
 (17) Do. Do. Do.

Names of Examinations	Number of candidates registered	NUMBER PASSED					Absent	Expelled	Percentage of Passes
		First Class or Division	Second Class or Division	Third Class or Division	Distinction	Pass			
						TOTAL			
B.D.S. Final November, 1957 (1)	15	...	...	...	...	13	...	...	86.6
B.A. (Comp.) November, 1957 (3)	219	...	...	...	...	101	...	...	47.1
B.A. Supp. November, 1957 (3)	14	...	...	...	...	6	...	...	42.8
B.Sc. (Comp.) November, 1957 (4)	507	...	...	...	...	417	...	...	85.9
B.Sc. Supplementary, November, 1957	11	...	...	...	...	1	...	...	9.1
D.P.H. II, November, 1957	12	...	...	...	...	8	...	...	80.0
B.Com. (Comp.), November, 1957	361	...	...	...	...	283	...	...	78.8
Dip. in Social Work November, 1957	95	...	63	...	...	63	...	...	69.2
Dip. in Social Work Camp, November, 1957	2	...	...	...	...	1	...	...	50.0
Dip. in Bus Management, II, November, 1957	23	4	11	...	...	15	...	...	78.9
Dip. in Bus Management (Com.) Nov. 1957	1	5	...	...	...	...	...	...	Nil
Dip. in Journalism, December 1957 (5)	26	...	14	...	...	19	...	...	76.0
Diploma in Journalism, December, 1957 (6)	6	...	...	...	...	3	...	...	50.0
I.L.M. December, 1957	3	...	...	...	...	...	...	...	33.3
M.D. December, 1957	...	...	...	...	...	...	...	...	...
M.S. December, 1957	...	...	...	...	...	...	...	...	...
M.O. December, 1957	...	...	...	...	...	...	...	...	...
B.E., Part I, December, 1957	80	...	...	...	...	64	...	...	82.0
B.E., Part II, December, 1957 (Civ.)	26	4	20	...	...	64	...	...	92.3
" " " (Mech.)	6	1	4	...	...	5	...	...	83.3
" " " (Elect.)	11	...	10	...	...	10	...	...	90.9
" " " (Met.)	2	1	...	...	...	2	...	...	100
B.Arch. Part I, December, 1957	6	...	...	...	...	...	...	...	...
" Part II	1	...	...	...	...	1	...	...	100
" Part III	1	...	...	...	...	1	...	...	100



Names of Examination	Number of candi- dates registered	NUMBER PASSED						Admission cancelled	Absent	Expelled	Percentage of Passes
		First Class or Division	Second Class or Division	Third Class or Division	Distinction	Pass	Total				
Diploma in Languages—Russian (1)	9	3	1	2	..	..	..	..	..	..	100
" " Tibetan	1	1	..	..	..	..	..	..	..	..	100
T.D.D., January, 1958	4	..	..	..	..	..	..	..	..	..	25
D.P.H., I, January, 1958	15	..	..	..	..	15	15	..	..	..	100
D.J.A., I, January, 1958	2	..	..	..	..	2	2	..	..	..	100
L.L.B., Preliminary, January, 1958	..	..	..	..	..	..	..	..	..	..	..
L.L.B., Intermediate, " "	..	..	..	..	..	..	..	..	..	..	..
L.L.B., Final, " "	..	..	..	..	..	..	..	..	..	..	..
Diploma in Anaesthesia, Pt. II, January, 1958 (2)	7	3	..	..	..	4	4	..	..	..	57.1
D.O.V.S. Pt. I February, 1958	12	..	..	..	..	7	7	..	..	..	58.3
D.O.M.S. Pt. II February, 1958 (3)	13	..	..	..	..	6	6	..	..	..	46.1
D.T.M. & H. February, 1958	15	..	..	..	..	10	10	..	..	..	66.6
Sp. Test for B.Mus. February, 1958 (1)	11	8	4	..	..	..	7	..	..	..	..
L.Sc. Agriculture March, 1958	6	3	..	..	..	..	3	..	..	..	..
Diploma in Diet. March, 1958 (5)	12	..	..	..	..	12	12	..	..	..	100
Dip. in Nutri. II March, 1958	1	..	..	..	..	1	1	..	..	..	100
D.I.H. II March, 1958	..	..	..	..	..	..	..	..	..	..	..
M.E. (Pub. Health) March, 1958	29	5	..	..	..	21	26	..	1	..	89.6
D.P.H. Pt. II March, 1958	62	..	..	..	..	56	56	..	1	..	90.3
D.M.C.W. March, 1958	25	..	..	..	..	24	24	..	..	..	96
D.G.O. April, 1958 (5)	69	..	..	..	..	27	27	..	6	..	89.1
B.Sc. Agri. April, 1958	39	3	31	..	..	27	34	..	..	..	87.1
M.O. " "	7	..	..	..	..	4	4	..	..	..	57.1
M.D. April, 1958	15	..	..	..	..	2	2	..	..	..	13.3
M.S. " "	10	..	..	..	..	3	3	..	..	..	30





## APPENDIX I

List of Professors, Lecturers, Teachers, Officers, and other employees of the different Departments showing their grade, date of appointment and salary as on 31st May, 1958.

Vice-Chancellor		Rs.
Prof. Nirmalkumar Sidhanta, M.A. (Cantab.)	1955	2,500
Treasurer		
Sri Satishchandra Ghosh, M.A.	1954	1,200+C.A. 125
(For acting as Deputy to Vice-Chancellor Rs. 2,000 from Government of India.)		

## I

## University Colleges of Arts and Commerce Departments

## (1) ANCIENT INDIAN HISTORY AND CULTURE

Name	Grade Rs.	Date of first Appointment.	Present salary. Rs.
Prof. Jitendranath Banerjee, M.A. Ph.D. (Carmichael Professor).	800-40-1,000- -50-1,250	1918	1,000
Prof. Niharranjan Ray, M.A., D.Lett. & Phil. (Leyden), Dip.Lib. (Lond.), F.L.A. (Bagiswari Professor of Fine Arts).	Do.	1933	1,150+100
Dr. Benoychandra Sen, M.A., Ph.D.	500-25-600	1926	600
Sri Sarasikumar Saraswaty, M.A.	Do.	1954	600
Sri Durgadas Mookerjee, M.A.	250-25-500-E.B. -25-600	1945	425+45
Dr. Kalyankumar Ganguli, M.A., D.Phil.	Do.	1954	500+5
Dr. Sudhirranjan Das, M.A., D Phil.	Do.	1955	475+45
Sri Nalininath Dasgupta, M.A.	Do.	1943	375+10
Sri Taponath Chakravarty, M.A. (Tutor)...	...	1954	200
Sri D. P. Ghosh, M.A.	...	1935	Honorary
Dr. G. C. Raychaudhuri, M.A., Ph.D.	...	1948	"

## (2) ARABIC AND PERSIAN

Prof. Muhammad Zubair Siddiqi, M.A., LL.B., Ph.D. (Cantab.) (Sir Asutosh Pro- fessor).	800-40-1000- -50-1,250	1929	1,250 + 50 P.A.
Dr. Md. Ishaque, M.A., B.Sc., Ph.D. (Lond.).	500-25-600	1927	600
Janab Aga Meerza Mohsin Namazie.	250-25-500-E.B. -25-600.	1937	600
Janab Fazlur Rahman Baqui ...	Do.	1932	525
Janab Md. Akbar, M.A. (Double)	Do.	1940	425+45
Janab Attakarim Burke, M.A., M.Litt. (Tehran).	Do.	1954	325+10

Name	Grade Rs.	Date of first Appointment.	Present salary, Rs.
(3) COMMERCE			
Sri Kalipada Roy, M.A.	250-25-500-E.B. -25-600	1955	450
Sri Byomkes Basu, M.A., LL.B.	...	1955	100
Sri Hirendramohan Majumdar, M.Sc., LL.B., R.A., A.S.A.A., F.C.A.	...	1940	150
Sri J. M. Majumdar, M.A.	...	1954	100
Sri Sital Ch. Sengupta, M.A., G.D.A., R.A.	...	1948	100
Sri R. N. Sengupta, M.A., B.Com.	...	1954	100
Sri N. C. Chakrabarty, M.A., A.C.I.I. R.A.	...	1957	Honorary
Sri Narendranath Sarker, M.A., R.A., F.S.A.A., A.C.W.P., A.C.I.S., A.C.I.L., A.I.S.A.	...	1927	Do.

## (4) COMMERCE (EVENING)

Sri Motilal Dam, M.A. (Lecturer- in-Charge).	250-25-500-E.B.- 25-600.	1950	600+100
Sri Ajitkumar Nandy	Do.	1956	425
Sri Manibhusan Sanyal, M.A.	Do.	1956	475+45
Sri B. B. Ghosh, M.A., Ph.D. ...	Fixed	1949	100
Sri D. P. Chatterjee, B.A., B.Com., A.C.A., F.S.A.A.	..	1949	100
Sri B. K. Sengupta, M.A.	..	1949	100
Sri D. P. Paul, M.A.	..	1954	100
Dr. Bimalendu Dhar, M.A., D Phil.	..	1953	100
Sri Anil K. Mukherjee, M.A. ...	..	1950	100
Sri S. C. Chatterji, M.A., LL.B., F.C.I.L.	..	1950	100
Sri G. Saha, B.Com., R.A., A.C.A., F.S.A. (Lond.).	..	1950	100
Sri N. M. Ghosh, M.A., LL.B.	..	1955	100
Sri Arunkumar Dattagupta, M.A., D.Phil.	..	1955	100
Dr. N. Sanyal, M.A., Ph.D. ...	..	1950	100
Sri Bimalcoomar Ghosh, B.Sc., Econ. (Lond.), B.Com. (Lond.).	..	1950	100
Sri S. N. Banerjee, M.A., G.D.A., A.I. C.W.A.	..	1954	100
Sri Satyasaran Chatterjee, M.A.	..	1956	100
Sri A. M. Paul, Bar.-at-Law ...	..	1958	100
Sri Anilkumar Chatterjee, M.A., A.S.I.A.	..	1957	100

Name	Grade	Date of first Appointment.	Present salary.
	Rs.		Rs.
Commerce (Evening)—Office			
Basu, Sri Arunkumar	... 70-4-110-E.B.-5-180	1958	70
Chatterji, Sri Jyotirmay	... Do.	1945	110+16 (Evening Union)
Guha, Sri Sankarprasad	Do.	1956	74

## (5) COMPARATIVE PHILOLOGY

Dr. Sukumar Sen, M.A., Ph.D., (Kumar Guruprasad Singh Professor).	800-40-1,000- 50-1,250	1930	920+40 P.A.
Sri Dwijendranath Basu, M.A.	250-25-500-E.B.- 25-600.	1954	350+15 P.A.
Dr. Chinmay Datta, M.A., D.Phil.	Do.	1956	325

## (6) ECONOMICS

Prof. J. P. Niyogi, M.A., Ph.D. (University Professor).	800-40-1,000- 50-1,250	1917	1,250+50 P.A.
Prof. Sarojkumar Bose, M.A., Ph.D., (Professor of Industrial Finance).	800-40-1,000-50-1,250.	1937	1,150
Dr. Satyendranath Sen, M.A., Ph.D. (Lond.). (On deputa- tion to Socio-Economic Survey.)	500-40-700	1947	700
Sri Panchanan Chakrabarty, M.A.	250-25-500-E.B.- 25-600.	1933	600
Sri J. K. Mitra, M.A.	Do.	1954	500+5
Sri Amlankusum Dutta, M.A.	Do.	1948	475
Sri Alok Ghosh, M.A.	Do.	1954	475+45 P.P.
Sri Santoshkumar Bhatta- charyya, M.A.	Do.	1952	475+45 P.P.
Sri Rakhal Ch. Datta (Temp.)	Do.	1957	250
Sri Prabodh Ch. Ghosh, M.A.	...	1951	100
Sri Prasantakumar Ray, M.A.	...	1956	100
Sri Mihirkanti Rakshit, M.A.	...	1958	100
Sri Tapas Majumdar, M.A.	...	1954	Honorary
Sri Prabhas K. Sen, M.A.	...	1957	"
Dr. Bhabatosh Dutta, M.A., Ph.D.	...	1958	"
Sri Dhires Ch. Bhattacharyya	...	1954	"

## (7) EDUCATION AND TEACHERS' TRAINING DEPARTMENT

Sri Kamalakanta Mookerji, M.A., B.T., Diploma in Sp. Eng. (Ofg. Head of the Dept.).	500-25-600	1935	550+100
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Name	Grade	Date of first Appointment.	Present salary.
	Rs.		Rs.
Sri Jogesachandra Chakrabarty, M.A., B.T.	250-25-500-E.B.-25-600.	1950	350+20 P.P.
Sri Kalisankar Gupta, M.Sc., B.T.	Do.	1942	475+45 P.P.
Sri Gourbaran Kapat, M.Sc. ...	Do.	1945	400+45 P.P.
Sri Munindrachandra Ghosh, M.Sc., B.T.	Do.	1939	375+45 P.P.
Sri Subodh Ch. Datta, M.A.	...	1950	260
Sri Jyotirmay Ganguli, M.A., B.T.	...	1954	250
Sri Bhujangabhusan Bhattacharyya, M.Sc., B.T.	...	1954	250
Sri Somendramohan Banerjee, M.A.	Do.	1957	250
Sri Birendramohan Acharya, M.A.	Fixed	1957	155
Sri Tarapada Biswas	Part-time	...	100
Sri Nirmal Ch. Sinha, M.A., B.T.	...	1949	50
Sri J. N. Dey, M.B.B.S.	...	1941	50
Sri Binubrata Bhattacharyya, M.A.	...	1955	50
Sri K. P. Chowdhury, M.A.	...	1954	Honorary
Sri Dibakar Das Mukhant, M.A., B.T. (on leave)	...	1953	Do.
Dr. Mrs. Suhasi Ghosh, M.A., B.T. Ph.D (Lond.). (on leave).	...	1953	Do.
Sri D. N. Ray, M.Sc., B.T., M.Ed.	...	1952	Do.

## Office

Mitra, Sri Prafullakumar, B.Com.	100-10-210-E.B.-10-300- Sp.E.B.-15-330.	1951	130
Mookerjee, Sri Debadideb, B.Sc., LL.B.	Do.	1936	210
Chatterjee, Sri Manoharchandra	70-4-110-E.B.-5-180	1935	106+30 (Mess)

## (8) ENGLISH

Prof. Miss Amy Geraldine Stock, B.A. (Oxon.) (Sir Gooroodass Banerjee Professor).	800-40-1,000- -50-1,250.	1956	960
Dr. Srichandra Sen, M.A., Ph.D., M.Litt. (Cantab.).	500-25-600	1938	600
Sri Jyotibhusan Bhattacharyya, M.A.	250-25-500-E.B.- 25-600.	1956	425
Sri K. C. Lahiri, M.A.	Do.	1944	475+45 P.P.
Sri P. C. Ghosh, M.A.	Do.	1945	450+45 P.P.

Name	Grade	Date of first Appointment.	Present salary.
	Rs.		Rs.
Sri Debadas Sen, M.A.	250-25-500-E.B.- 25-600	1948	450+45- P.P.
Dr. Satyendrakumar Das, M.A., Ph.D.	Fixed	1955	100
Sri Amritlal Ganguli, M.A.	...	1955	100
Sri Amulyadhan Mukherjee, M.A.	...	1956	100
Dr. Subodhchandra Sengupta, M.A., Ph.D. (Presidency College).	...	1950	Honorary
Sri Taraknath Sen, M.A. (Presi- dency College).	...	1938	Do.
Mrs. Nirmala Sinha, M.A.	...	1952	Do.
Sri Sailendranath Sen, M.A.	...	1957	Do.

## (9) FRENCH

Sri Nagendranath Chandra, M.A. (Language Instructor).	Fixed	1949	150
Rev. Fr. Fallon, M.A.	Fixed	1957	100

## (10) HINDI

Sri Lalitprasad Sukul, M.A.	600-25-800	1933	625
Sri Kalyan Mal Lodha, M.A.	250-25-500-E.B.- 25-600	1946	450+45- P.P.
Sri Bisnukant Sastri, M.A.	Do.	1953	375

## (11) HISTORY

Prof. Narendrakrishna Sinha, M.A., Ph.D. (Sir Asutosh Professor).	800-40-1,000- -50-1,250.	1932	1,000
Sri Tripurari Chakrabarti, M.A.	250-25-500-E.B.- -25-600	1920	600
Dr. Sivapada Sen, B.A. (Hons.), D.Litt. (Lond.).	Do.	1944	450
Sri Ramaprasad Dasgupta, M.A. (up to September, 1957).	Do.	1935	600
Dr. Atindranath Basu, M.A., Ph.D.	Do	1946	475+45 P.P.
Dr. Pratulchandra Gupta, M.A., Ph.D.	Do.	1939	550
Dr. Anilchandra Banerjee, M.A., Ph.D. (Manindra Ch. College).	...	1943	100+100
Sri Nisitchandra Roy, M.A.	...	1955	100
Dr. B. C. Mitra, M.A. (Charu- chandra College).	...	1951	100

Name	Grade	Date of first Appointment.	Present salary.
	Rs.		Rs
Sri Taritkumar Mukherjee, M.A. (Central Calcutta College).	...	1953	100
Sri Dilipkumar Ghosh (Hooghly College).	...	1957	100
Sri Sushovanchandra Sarkar, M.A. (Presidency College).	...	1926	Honorary
Sri Amallesh Tripathi, M.A., D.Phil. (Presidency College).	...	1955	Do

## (12) ISLAMIC HISTORY AND CULTURE

Prof. Makhanlal Raychaudhuri, M.A., LL.B., D.Litt., Sastri, (Professor and Head of the Dept.).	800-40-1,000- -50-1,250	1942	960
Dr. Sukumar Ray, M.A., D.Phil.	500-25-600	1944	550
SM. Quamiruddin	250-25-500-E.B.-25- 600	1957	275
Dr. Mahdi Hussain, M.A., Ph.D., D.Litt. (Paris).	Do.	1944	600
Dr. Atul Ch. Ray, M.A., D.Phil.	...	1957	400
Janab Niyaz Ahmed, M.A.	...	1949	100
Sri Hiralal Chopra, M.A.	...	1955	100

## (13) LANGUAGES (INSTRUCTORS)

Sri Amitabha Mitra, M.A. (Supervisor and Instructor-in-Charge, Modern Language Dept.).	250-15-400	1949	340
Sri Amalendu Sircar, M.A. (Hindi).	Fixed	1952	100
Jho Lama (Tibetan)	...	1952	125
Mr. Lee Ko Nong, B.A. (Chinese)	...	1955	100
Sri Nagendranath Chandra, M.A. (French).	...	1926	100
Dr. H. G. Biswas, M.Sc., Ph.D. (German).	..	1950	100
W. H. Ping (Chinese)	...	1956	100
Sri R. M. Bose (Do.)	...	1956	100
Mr. G. Fischer (German)	...	1957	250
T. Tomdok Lama (Tibetan)	...	1953	150
Mrs. O. N. Gouseva (Russian)	..	1952	180
Mrs. Martha Malicka Guha	Do.	1954	150+100
Sri Asitbaran Banerjee	... 70-4-110-E.B.- -5-180	1953	74

Name	Grade	Date of first Appointment.	Present salary.
	Rs.		Rs.
(14) MODERN INDIAN LANGUAGES			
Prof. Sashibhushan Dasgupta, M.A., Ph.D., (Ramtann Labiri Professor.)	800-40-1,000-50-1,350	1939	800
Sri Pramathanath Bisi, M.A.	500-25-600	1950	550
Sri Maheswar Das, M.A. (Double)	250-25-500-E.B. -25-600	1932	450+45 P.P.+50 (mess)
Sri Taraknath Ganguli, M.A.	Do.	1956	400
Dr. Bijanbehari Bhattacharyya, M.A., D.Phil.	Do.	1955	475+45 P.P.
Sri Asitkrishna Banerjee, M.A.	Do.	1956	325
Sri Asutosh Bhattacharyya, M.A.	Do.	1955	525
Dr. Tarasankar Bhattacharyya, M.A., D.Phil.	...	...	Honorary
Sri Narendranath Chakrabarti, M.A. (Presidency College).	..	1945	..
Sri Haraprasad Mitra, M.A., D.Phil.	...	1956	..
Sri Jitendranath Chakrabarty, M.A.	...	1957	..

## URDU

Mr. Shah Moqbul Ahmed, M.A.	Fixed	1957	100
Mr. Abbas Ali Bekhud, M.A.	..	1957	100
Mr. E. H. Perver Sahidi, M.A.	..	1958	275

## (15) PALI

Prof. Nalinaksha Datta, M.A., LL.B., Ph.D., D.Lit. (University Professor).	800-40-1,000-50-1,350	1918	1,150
Dr. Anukulchandra Banerjee, M.A., Ph.D. (on study leave).	500 25-600	1948	550+25 (I.V.)
Sri Dwijendralal Barua, M.A. ...	250-25-500-E.B. -25-600	1937	500+20 P.P.
Sri Prabhaschandra Majumdar	Do.	1956	350
Sri Dineschandra Bhattacharyya	...	1950	Honorary
Sri Syamsundar Banerjee (Vidyasagar College). (on leave)	...	1946	Do.
Sri Sukumar Sengupta, M.A.	...	1955	Do.
Sri Hramba Ch. Chatterjee, M.A. (Sanskrit College).	...	1957	Do.



Name	Grade Rs.	Date of first Appointment.	Present Salary. Rs.
(16) PHILOSOPHY			
Dr. Satishchandra Chatterjee, M.A., Ph.D. (Offg. Hd.)	250-25-500-E.B. -25-600	1917	600+100
Dr. Rasbihari Das, M.A., Ph.D.	Do.	1946	600
Dr. Adharchandra Das, M.A., Ph.D.	Do.	1950	600
Sri Kalyanchandra Gupta, M.A.	Do.	1949	525
Dr. Jitendranath Mahanti, M.A., Ph.D.	Do.	1955	375 + 20 P.P.
Dr. Ramchandra Pal, M.A. D.Phil.	...	1937	100
Capt. Jyotishchandra Banerjee, M.A. (Asutosh College), from December, 1954.	...	1957	100
Sri Anilkumar Raichaudhuri, M.A., D.Litt.	...	1955	100
Sri Ranadaranjan Chakravarty, M.A. (Narasinha Datta College).	...	1952	100
Sri Subodhkumar De, M.A. (City College).	...	1957	100
Sri Provasjiban Chaudhuri, M.A. (Presidency College).		1955	Honorary
Dr. Pritibhushan Chatterjee, M.A., D.Phil. (Scottish Church College).		1956	Do.
Sri Pradip Ch. Sen, M.A. (Surendranath College).		1958	Do.

## (17) POLITICAL SCIENCE

Prof. Debendranath Banerjee, M.A. (S. N. Banerjee Prof. of Political Science.)	600-40-1,000- -50-1,250	1948	1,150+100 P.P.
Dr. J. K. Banerjee, D.Litt. (Paris) (on study leave)	500-25-600	1949	550
Sri Santoshkumar Chatterjee, M.A.	250-25-500-E.B.- 25-600	1951	500
Sri Subinilkumar Mukherjee, M.A.	250-25-500-E.B. -25-600.	1948	450+45 P.P.
Dr. Dhirendranath Sen, M.A., Ph.D.	Do.	1930	525
Sri Khagendranath Sen, M.A. (Asutosh College.)	...	1929	100
Sri Sunilkumar Maitra, M.A. (Asutosh College).		1955	100
Sri Sisirkumar Das, M.A., LL.B., Barrister-at-Law.	...	1940	100

Name	Grade Rs.	Date of first Appointment	Present Salary Rs.
Sri Nirmal Ch. Bhattacharyya, M.A., LL.B. (Scottish Church College.)	...	1926	100
Sri Sunilkumar Raichaudhury, M.A.	...	1955	100
Sri Sovamoy Ghosh, M.A. (Vidyasagar College.)	...	1949	100
Sri Parimal Ch. Ghosh, M.A.	...	1955	100
Dr. Aksaykumar Ghosal, M.A., Ph.D.	...	1957	100
Sri Ramesh Ch. Ghosh, M.A. (Presidency College.)	...	1948	Honorary
Sri Nirmal K. Bose, M.Sc.	...	1938	Do.
Sri Upendranath Ghoshal, B.Sc. Econ. (Lond.).	...	1923	Do.
Sri Ramaprasad Dasgupta, M.A.	...	1917	Do.
Dr. Benoy Ch. Sen, M.A., Ph.D.	...	1949	Do.
Sm. Chitra Bose, M.A.	...	1957	Do.

## (18) SANSKRIT

Dr. Asutosh Sastri, M.A., Ph.D. (Sir Asutosh Professor).	800-40-1,000- 50-1,250	1935	950
Sri Kunjagobinda Goswami, M.A.	500-25-600	1939	550
Pt. Krishnagopal Goswami Sastri, M.A., Smriti-Mimansa- tirtha.	Do.	1937	550+60' (Me.)
Dr. Janakiballav Bhattacharyya, M.A., Ph.D.	Do.	1946	550
Pt. Pattabhirama Sastri	250-25-500-E.B. -25-600	1953	600
Pt. Srijib Nyayatirtha, M.A.	Do.	1937	45
Pt. Bhutnath Chatterjee, Saptatirtha.	Do.	1951	850+20 P.P.
Dr. Ajitranjan Bhattacharyya, M.A., D.Phil.	Do.	1956	575
Dr. Prabodh Ch. Lahiri, M.A., Ph.D.	...	1957	600
Pt. Taranath Terkatirtha, M.A.	...	1953	100
Dr. Sibendranath Ghoshal, M.A., D.Phil. (Surendranath College)	...	1955	100
Pt. Ayodhyanath Sanyal Sastri	...	1952	150
Dr. Gaurinath Bhattacharyya, M.A., D.Litt. (Sanskrit College).	...	1944	100
Dr. Pulinbehari Chakraborty, M.A., D.Litt.	...	1955	100

Name	Grade	Date of first Appointment.	Present Salary.
	Rs.		Rs.
Pt. Narendra Ch. Bhatta-charyya, M.A., Vedanta-tirtha (Sanskrit College).	...	1941	100
Pt. Harinarayan Vedatirtha	...	1958	Honorary:
Sri Nibaranchandra Chatterjee (Sarendranath College).	..	1956	Do.
Sri Amiyakumar Chakravarty, M.A. (St. Paul's College)	...	1952	Do.
Sri Bhupendrachandra Smriti-tirtha (Sanskrit College)	...	1955	Do.
Sri Sudhirkumar Sengupta, M.A. (Double) (City College) Kavya-Sankhya-Vedantatirtha.	...	1955	Do.
Pandit Ramchabila Sastri	...	1956	Do.
Sri Heramba Ch. Chatterjee, M.A. (Sanskrit College).	...	1958	Do.

## (19) BENGALI MSS. DEPARTMENT

Sri Profullachandra Pal, M.A.	100-10-250	1950	180'
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## (20) SANSKRIT MSS. DEPARTMENT

(Vacant)

## (21) University Colleges of (Arts) Office

## SECRETARY

Dr. Golapchandra Raychaudhuri, M.A., Ph.D.	500-50/2-800	1948	750
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## ASSISTANTS

Chatterji, Sri Manindrakumar, M.A., LL.B. (Superintendent)	250-15-400	1932	340+40 <sup>0</sup> (Mess).
Banerjee, Sri Homeshchandra, B.A.	100-10-210-E.B.- 10-300-Sp. E.B.- 15-330.	1955	280
Banerjee, Sri Byomkes	...	Do.	1926 270+50 <sup>0</sup> (Union) +35 (Ath.)
Banerjee, Sri Prithwishchandra, M.A., Dip. (Chinese).	Do.	1948	110
Das, Sri Anilranjan, B.A.	Do.	1951	200
Majumdar, Sri Jatindranath	...	Do	1919 270+20 (I.V.)
Mitra, Sri Rabindranath, B.A.	Do.	1937	180+25 (I.V.)
Mookerjee, Sri Jujnakisor, B.Sc.	Do.	1935	250

Name	Grade	Year of first appointment.	Present salary.
	Rs.		Rs.
Mookerjee, Sri Baridbaran, B.A.	100-10-210-E.B.- 10-300-Sp. E.B.- 15-300	1938	190+25+35 (Steno. all.) & (I.A.S.).
Mookerjee, Sri Debkumar ...	Do.	1941	170+30 (Socio. E.Com.)
Pal, Sri Provaschandra ...	Do.	1919	270+30 (Cal. Review).
Purkayet, Sri Pulinkrishna, B.A.	Do.	1946	150
Banerjee, Sri Sailendrnath, B.A.	70-4-110-E.B.-5- 180.	1958	70
Dhattacharyya, Sri Gourgobinda, B.A.	Do.	1941	120
Dutt, Sri Upendranath ...	Do.	1928	135
Ghosh, Sri Bamandas ...	Do.	1944	120+10 (Ath.)
Mitra, Sri Sukumar ...	Do.	1945	86+25 (I.V.)
Roy, Sri Dilipkumar ...	Do.	1944	95
Roy, Sri Pranesh Ch. ...	Do.	1957	74

## II. University College of Science Department

### (1) AGRICULTURE

Prof. P. K. Sen, M.Sc., Ph.D.	800-40-1,000- (Lond.), D.I.C., F.B.S. -50-1,250	1948	1,000
(Kumar Guruprasad Singh Professor of Agriculture).			
Sri Rabindramohan Datta, ...	250-25-500-E.B.-25-600	1955	350
M.Sc.			
Dr. Tarakmohan Das ...	Do.	1957	350

#### Laboratory Staff

Roy, Sri Ajoykumar ...	70-4-110-E.B.-5-180	1955	70
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### (2) ANTHROPOLOGY

Prof. Kshitiprasad Chatto- padhyay, M.Sc. (Cantab.) (University Professor)	800-40-1,000-E.B. - 50-1,250	1937	1,250+50
Sri Tarak Ch. Das, M.A. ...	500-25-600	1921	600
Sri Tarak Ch. Raychaudhuri, M.A.	250-25-500-E B -25-600	1924	600
Sri Dharanidhar Sen, M.Sc. ...	Do.	1948	400+45 P.F.
Sri Gautamsankar Ray, M.Sc.	Do.	1945	425
Dr. Minendranath Bose, M.Sc. D.Phil.	Do.	1938	475+45 P.F. +600 pe. annum for Asutosh Museum.
Dr. S. S. Sarker ...	Do.	1957	450

Name	Grade	Year of 1st appointment	Present Salary
	Rs.		Rs.
Sri Anathnath Chatterji, M.B.B.S.	Fixed	1920	300
Dr. M. L. Chakravarti, M.B. Ph.D.	Part-time	1951	100

*Laboratory Staff*

Ghosh, Sri Ramendra	... 100-10-210-E.B.-10-300-Sp. E.B.-15-330.	1957	100
Ghosh, Sri Tarapada	... 70-4-110-E.B.-5-180	1942	130
Mukherjee, Sri Baidyanath	... Do.	1947	78
Raichaudhuri, Sri Anilkumar	... Do.	1957	70

## (3) APPLIED MATHEMATICS

Prof. N. B. Sen, D.Sc., Ph.D. ... (Ghose Professor)	800-40-1,000-50-1,250	1917	1,250+50
Dr. S. Ghosh, D.Sc. ...	250-25-500-E.B.-25-600	1928	600
Dr. B. S. Ray, M.Sc., Ph.D. ...	Do.	1933	600
Dr. N. N. Sen, D.Sc. ...	Do.	1921	600
Sri P. K. Ghosh, M.Sc. ...	Do.	1950	450+45
Sri Durgadas Mallick	Do.	1958	250
Sri Amritabha Mitra (Temp.)	...	...	250
Dr. K. M. Bose, D.Sc.	Part-time	1933	200
Dr. S. K. Chakravarty, D.Sc. ...	Do.	1955	150
Sri U. Burman, M.Sc. ...	Do.	1945	100
Dr. B. B. Sen	Part-time	1946	100
Dr. N. L. Ghosh, M.Sc., D.Phil.	...	...	Honorary

*Laboratory Staff*

Sanyal, Sri Ritabrata	... 100-10-210-E.B.-10-300-Sp. E.B.-15-330.	1954	140
Banerjee, Sri Sunilkumar	... 70-4-110-E.B.-5-180	1951	94

## (4) APPLIED PSYCHOLOGY

Dr. S. N. Roy	... 250-25-500-E.B.-25-600	1948	350
Sri N. N. Chatterjee, M.Sc. ..	160-10-330	1945	200+18 (I.R.)
Sri S. C. Bisi, M.Sc. ...	Do.	1945	230+18 (I.R.)
Sri Charuchandra Bhattacharyya, M.Sc.—Computer (Acting as Lecturer).	Do.	1945	250+18 (I.R.)
Sri Debabrata Banerjee	Do.	1955	170
Sri Arun Sarkar	Do.	1956	170
Sri Subimal Deb	... Do	1956	170
Sri Ramanath Kundu	... Do.	1956	170
Sri Brajagopal Banerjee, M.Sc. (Temp.)	...	1957	160
Dr. Parin Ghosh, M.B.	... Fixed	1956	75

Name	Grade	Year of first appointment	Present salary
	Rs.		Rs.
<i>Laboratory Staff</i>			
Mukherjee, Sri Nirmalchandra	70-4-110-E.B.-5-180	1943	130
Kar, Sri Bijaybhushan ...	Do.	1940	98
Pathak, Sri Rathindranath	Do.	1954	74
(5) BOTANY			
(Vacant)	... 800-40-1,000-E.B. -50-1,250		
Dr. I. Banerjee, D.Sc., F.A.Sc. (Offg. Head of the Department).	500-50/2-700	1929	700+100
„ S. M. Sarkar, M.Sc., Ph.D.	500-25-600	1937	575
„ S. N. Banerjee, D.Sc.	250-25-500-E.B.-25-600	1940	500+20
Sri J. K. Sen, M.Sc. (on Study Leave)	Do.	1948	375
„ A. K. Sarma, M.Sc.	Do.	1948	375
Dr. N. K. Chatterjee, (Temp.)	...	1956	250
„ H. L. Chakravorty, D.Sc.	...	...	Honorary
„ J. C. Sengupta, M.Sc., Ph.D.	...	...	Do.
„ J. K. Chaudhuri, M.Sc., Ph.D.	...	...	Do.
„ K. P. Biswas, D.Sc.	...	...	Do.
Bose, Sri Praphullakumar ...	160-10-330	1920	270
<i>Laboratory Staff</i>			
Chatterjee, Sri Panchugopal	70-4-110-E.B.-5-180	1957	70
Guha, Sri Amalkanti ...	Do.	1957	70
Pal, Sri Prakaschandra ...	Do.	1934	110
Ray, Sri Dhurjatibhushan ...	Do.	1936	135
(6) GEOLOGY			
Prof. N. N. Chatterjee, M.Sc. (University Professor)	800-40-1,000- -50-1,250	1926	1,000
Dr S. N. Sen, D.Sc.	250-25-500-E.B.-25-600	1947	475
Sri A. Chaudhuri, M.Sc.	Do.	1948	375+
„ S. K. Raychaudhuri, M.Sc. (on Study Leave).	Do.	1948	375+
„ Aniruddha De, M.Sc. (on Study Leave).	Do.	1954	325
„ Indranil Banerjee (Temp.)	...	1957	250
„ H. Sen (Temp.)	...	1956	250
„ P. C. Datta, M.Sc.	Hony. Lecturer	...	...
„ S. K. Ray, M.Sc.	Do.	...	...
„ Sudhish Ch. Guha	... 160-10-330	1952	180
<i>Laboratory Staff</i>			
Chakravorty, Sri Manujendra	... 100-10-210-E.B.-10- 300-Sp. E.B.-15-330.	1956	120
Sengupta, Sri Kananbehari	... Do.	1956	120
Ghosh, Sri R. R.	... 70-4-110-E.B.-5-180	1956	82
Kundu, Sri Bisweswar	... Do.	1949	86
Ray, Sri Ramanimohan	... Do.	1939	106

Name	Grade	Year of first appointment	Present salary
	Rs.		Rs.
(7) GEOGRAPHY			
Prof. S. P. Chatterjee, M.Sc., Ph.D., T.D., D.Lit., F.G.S. (University Professor)	800-40-1,000- -50-1,250	1937	1,150+50 P.P.
Sri N. K. Bose, M.Sc.	500-25-600	1938	550
Dr. B. N. Mukherjee, M.Sc., Ph.D.	250-25-500-E.B.-25-600	1939	525
Sri D. R. Mitra, M.A., Barrister-at-Law.	Do.	1939	525
„ K. G. Bagchi, M.A.	Do.	1940	425+45 P.P.
„ R. Lahiri, M.Sc.	Do.	1950	490+35 P.P.
Dr. Meera Guha, M.A., Ph.D.	Do.	1952	325+20 P.P.
„ B. Seth, M.A., Ph.D.	Do.	1952	500
„ S. B. Chatterjee, M.Sc., D.Phil.	160-10-330	1946	240+18 (I.R.)

## Laboratory Staff

Miss Usha Sen, M.A.	100-10-210-E.B.-10-300-8p, E.B.-15-330.	1952	
Mukherjee, Sri Debnath	Do.	1954	160
Das, Sri Bhirendranath	70-4-110-E.B.-5-180	1941	102
Ray, Sri Lal Mohan	Do.	1946	106
Ray, Sri Nanigopal	Do.	1947	94
Ray, Sri Atulkrishna	Do.	1947	94
Sengupta, Sri H. P.	Do.	1953	74
Chaudhuri, Sri Sahilkumar	Temp.	1956	74
Ghosh, Sri Satyaranjan	Fixed	1956	50

## (8) PSYCHOLOGY

Prof. Suhrit Ch. Mitra, M.A., D.Phil. (Leipzig.), F.N.I. (University Professor)	800-40-1,000- -50-1,250	1920	1,150
Dr. Suhrit Ch. Sinha, D.Sc.	500-25-600	1948	550
Sri Kshirodchandra Mukherjee, M.A.	250-25-500-E.B.-25-600	1948	600
Sri Anathnath Datta, M.Sc.	Do.	1935	325
Dr. D. L. Ganguli, D.Sc.	Do.	1951	475
Sri Charuchandra Bhattacharyya (Temp.)		1957	250
Dr. Narendranath De, M.B., Part-time M.R.C.P., D.T.M.		1946	100
Dr. Bonbehari Chatterjee, M.Sc.	Fixed	1933	50
Sri Ramgovinda Chatterjee, M.Sc.	160-10-ff	1952	160
Sri Manindranath Samanta, M.Sc.	Do.	1923	270

Name	Grade	Year of first appointment	Present salary
	Rs.		Rs.
<i>Laboratory Staff</i>			
Bhattacharyya, Sri Tarapada	100-10-210-E.B.-10-300- Sp. E.B.-15-330.	1919	270

## (9) PHYSIOLOGY

Prof. B. B. Sarkar, D.Sc., 800-40-1,000- F.R.S.E. (University Professor) -50-1,250		1922	1,150+10 ) P.P.
Sri P. B. Sen, M.Sc. ... 500-25-600		1927	600
N. N. Das, M.Sc., M.B. ... 250-25-500-E.B.-25-600		1945	575
Dr. S. B. Maitra, D.Sc., D.Phil. Do.		1941	375+15 P.P.
Dr. C. C. Deb	Do.	1957	250
Dr. A. Maity, M.Sc., D.Phil. ...		...	250
„ B. Mookerjee, D.Sc., M.D.	Hony. Lecturer		
„ S. C. Sen, M.Sc.	Do.		
Sri B. K. Mitter, M.Sc.	Do.		
„ P. K. Banerjee, M.Sc.	Do.		
„ G. N. Bera, M.Sc.	Do.		
„ B. B. Chatterjee, M.Sc., M.B.	Do.		
„ D. P. Sadhu, M.Sc., M.B.	Do.		
„ R. Ghoshal, M.Sc., M.B., D.T.M.	Do.		
„ Phanindramohan Sahachaudhury, M.Sc.	160-10-330		180

*Laboratory Staff*

Ghosh, Sri Nripendranath	100-10-210-E.B.-10-300- Sp. E.B.-15-330.	1956	110
Chatterjee, Sri Sanatkumar, B.Sc.	70-4-110-E.B.-5-180	1953	70
Mayumdar, Sri Mani ...	Do.	1948	86
Koley, Sri Biswanath, M.Sc.	Do.	1956	70
Sengupta, Sri Subhas ...	...	1957	70

## (10) PHYSIOLOGY

**B.Sc.**

Sri Sujitkumar Mahalanobis, M.Sc.	250-25-500-E.B.-25-600	1944	425
Dr. Bonbehari Chatterjee, Fixed M.Sc., M.B.		1923	150+18 (I.R.)
Sri Amiyakumar Dasgupta	160-10-330	1955	170



Name	Grade Rs.	Year of first appointment	Present salary Rs.
(11) PURE CHEMISTRY			
Prof. B. N. Ghosh, D.Sc. ... (Palit Professor)	800-40-1,000- 50-1,250	1935	1,150
Prof. J. C. Bardhan, D.Sc. ... (Khaira Professor)	Do.	1924	1,150+100 P.P.
Prof. P. B. Sarkar, Dr-es-Sc. A.I.C. (Ghose Professor)	Do.	1916	1,150+100 P.P.
Dr. Asima Chatterjee, D.Sc.	500-50/2-700	1954	670
.. N. K. Datta, D.Sc.	500-25-600	1946	550
Dr. S. Basu, D.Sc. ...	Do.	1954	550
Dr. K. C. Bhattacharyya, D.Sc.	250-25-500-E.B.-25-300	1916	500+10 P.P.
Dr. B. Dassarma, M.Sc., D.Phil. (on leave).	Do.	1950	340
Dr. D. Nasipuri, M.Sc., D.Phil. (on study leave).	Do.	1950	350+20 P.P.
Sri Nripendranath Ghosh, M.Sc. (Temp.)	Do.	1934	350
Sri Dwijendranath Mukherjee	..	1958	250
Dr. S. K. Nandi	..	1958	450
Sri N. G. Chakravarti, M.Sc....	Hony. Lecturer		
Dr. S. C. Sen, D.Sc. ...	Do.	...	...
Dr. Miss K. K. Rohatgi, D.Sc.	Do.	...	...
Sri B. C. Purkayastha, M.Sc.	Do.	...	...
Dr. P. C. Rakshit, M.Sc., Ph.D.	Do.	...	...
Dr. N. Ray, D.Sc. ...	Do.	...	...
Dr. Miss Manisha Basu, M.Sc. (Research Assistant)	150-15-300	1950	225

## Laboratory Staff

Dasgupta, Sri Susilkumar, B.Sc.	100-10-210-E.B.-10- 300-Sp. E.B.-15-330.	1949	140
Datta, Mrs Chhabi, M.Sc.	Do.	1953	250
Sarkar, Sri Nirmalkumar, B.Sc.	Do.	1946	170
Bhattacharyya, Sri Prangopal	Do.	1956	110
Mukherjee, Sri Hariranjana	Do.	1957	100
Dasgupta, Sri Rankim	70-4-110-E.B.-5-180	1954	74
De, Sri Susilkumar	Do.	1951	98
Maiti, Sri Gopalchandra	Do.	1955	78
Majumdar, Sri Bimalapada	Do.	1936	106
Mitra, Sri Dilipkumar	Do.	1951	82
Das, Sri Kamalkrishna (Temp.)	Do.	1956	70

## (12) PURE PHYSICS

Prof. B. D. Nagchaudhury, D.Sc., (Palit Professor)	800-40-1,000- 50-1,250.	1953	1,000
Prof. S. N. Bagchi, Prof., Chemical Physics.	Do.	1953	800
Prof. J. N. Bhar, D.Sc. ... (Ghose Professor)	Do.	1949	920

Name	Grade	Year of first appointment	Present salary
	Rs.		Rs.
Dr. P. C. Bhattacharyya, D.Sc. (Offg. Head)	500-25-600	1919	550+100
Dr. K. Dasgupta ..	250-25-500-E.B.- 25-600.	1952	450+50
Sri S. Dattamajumdar, M.Sc.	Do.	1951	475
Dr. Sivabrata Bhattacharyya, M.Sc., D.Phil. (Temp.).	Do.	1952	275
Dr. K. C. Kar ...	Part-time	1940	200
Dr. B. C. Guha, D.Sc.	Do.	1953	100
Sri B. M. Banerjee, M.Sc. ...	Hony. Lecturer		
Dr. R. I. Sengupta ...	Do.	...	...
Dr. P. K. Sen, M.Sc., D.Phil.	Do.	...	...
„ N. N. Dasgupta, Ph.D.	Do.	...	...
„ A Saha, D.Sc.	Do.	...	...
„ S. Ghosh, M.Sc., D.Phil.	Do.	...	...
Sri S. Das, M.Sc.	Do.	...	...
Sri Subhrendu Kar (on lien) ...	160-10-330	1951	170
Sri Prabhatkumar Deb, M.Sc	Do.	1951	170
Sri Bimalendranath Chakravarti, M.Sc.	Do.	1953	170

## Laboratory Staff

Misra, Sri T. N. ...	100-10-210-E.B.-10-300-Sp. E.B.-15-330.	1957	100
Mookerjee, Sri Amalkrishna	Do.	1936	240
Bhattacharyya, Sri Anilkumar	70-4-110-E.B.-5-180	1940	110
Ghosh, Sri Manmohan, B.Sc.	Do.	1938	145
Patra, Sri Nandalal ...	Do.	1943	125
Sinha, Sri Nabakumar ...	Do.	1946	125+15 (allowance)
Datta, Sri Bimal ...	Do.	1955	70
Saha, Sri Brajamohan ...	Do.	1957	55
Palchaudhuri, Sri Narayan- chandra	35-4/2-75-5-85	1947	70

## Workshop

Banerjee, Sri Rameshchandra	100-10-210-E.B.-10-300- Sp. E.B.-15-330.	1947	240
Das, Sri Jitendranath ...	70-4-110-E.B.-5-180	1938	135
Das, Sri Asutosh ...	Do.	...	74
Debnath, Sri Abhaycharan...	Do.	1954	74
Debnath, Sri Mahadeb ...	Do.	1940	102
Nath, Sri Maniklal ...	Do.	1925	130
Bose, Sri Ramratan ...	Do.	1952	74

Name	Grade	Year of first appointment	Present Salary
	Rs.		Rs.
(13) PURE MATHEMATICS			
Prof. Rabindranath Sen, M.A., Ph.D., (Hardinge Professor)	800-40-1,000-50- 1,250	1933	1,050
Dr. Amalchandra Chaudhury, M.Sc., D.Phil.	500-25-600	1938	550
Dr. H. M. Sengupta, M.A., Ph.D.	Do.	1952	550
Dr. Mahadev Dutta, M.Sc., D.Phil. (on lien).	250-25-500-E.B.-25-600	1954	400
Sri Bankimchandra Chatterjee, M.Sc.	Do.	1943	475+45
„ Manindrachandra Chaki, M.A.	Do.	1952	475+20
Sri P. L. Ganguli, M.A.	Do.	1955	375+20
Rev. F. Goreux (Part-time)	..	1955	100
Sri M. N. Raichaudhury, M.Sc.	..	1955	Honorary
Sri N. C. Basumajumdar, M.Sc.	..	1955	Do.

*Office*

Mukherjee, Sri K. C.	70-4-110-E.B.-5-180	1955	74
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## (14) STATISTICS

Dr. P. K. Bose, M.Sc., D.Phil. (Head of the Department.)	500-50/2-700	1943	650
Sri H. K. Nandi, M.Sc.	.. 250-25-500-E.B.-25-600	1943	400+45 P.P
Dr. M. Ghosh, M.A., Ph.D.	Do.	1944	375+40 P.P
Dr. B. N. Ghosh.	.. Do.	...	475+45 P.P
Sri A. C. Nag, M.Sc.	.. Part-time	1949	100
Dr. Kailasnath Bhattacharyya, D.Phil.	Do.	1954	100
Sri S. B. Chaudhuri, M.Sc.	.. Do.	1953	100
Dr. K. C. Seal, M.Sc., A.M., Ph.D.	.. Do.	...	100
Sri Milan K. Gupta	.. ...	1958	100
Sri P. K. Banerjee	.. ...	...	Honorary
Sri B. N. Ghosh, M.Sc.	.. ...	...	Do.

*Office Staff*

Sarkar, Sri Kshitishchandra	70-4-110-E.B.-5-180	1946	94
Mitra, Sri Pranabkumar (temp.)	...	1957	55

Name	Grade	Year of first appointment	Present salary
	Rs.		Rs
(15) ZOOLOGY			
Prof. J. L. Bhaduri, D.Sc. (Sir Nilratan Sircar Professor)	800-40-1,000-50-1,250	1933	840
Sri D. Mukherji, M.Sc.	500-25-600	1923	600
Dr. S. P. Raychandhuri, M.Sc., Ph.D.	Do.	1944	550
Sri G. K. Chakravarti, M.Sc.	250-25-500-E.B.-25-600	1932	500+20 P.P.
Dr. D. N. Ganguli, M.Sc., D.Phil.	Do.	1945	475
Dr. A. K. Ghosh, D.Phil.	250-25-500-E.B.-25-600	1957	575
Sri M. M. Chakravarti, M.Sc.	Do.	1936	500+20 P.P.
Sri N. V. Bhaduri, M.Sc., M.B.		1944	Hony. Lecturer
Dr. P. Sen, M.Sc., Ph.D., D.I.C.	...	1944	Do
Dr. S. N. Banerjee, Ph.D.	...		Do.
<i>Laboratory Staff</i>			
Banerjee, Sri Prasanta, M.Sc.	100-10-210-E.B.-10-300- Sp.E.B.-15-330	1954	140
Sen, Sri Kannailal, B.Com. ...	Do.	1938	180
Lahiri, Sri Ramdulal, B.Sc.	70-4-110-E.B.-5-180	1937	150
Mukherjee, Sri Kameksya- prasad.	Do.	1958	70
Parui, Sri Upendranath ...	Do.	1932	140
Raychaudhuri, Sri Manoranjan, M.Sc.	Do.	1945	140
Saha, Sri Amiyakumar ...	Do.	1947	102

### III. University College of Technology Department

#### (1) APPLIED CHEMISTRY

Prof. B. C. Guha, D.Sc., Ph.D. (Ghose Professor)	800-40-1,000-50- 1,250	1936	1,250+50
Dr. S. K. Mukherjee, D.Sc. (on lien).	500-25-600	1946	525
Sri K. L. Ray, M.Sc.	Do.	1950	550
„ B. K. Ganguli, M.Sc.	250-25-500-E.B.-25-600	1950	250
Dr. B. C. Pathak	Do.		450
„ D. Sen	Do.	1956	375
Sri Gopalchandra Bhattacharyya	Do.	1956	325
Dr. S. L. Gupta (Temp.)	Do.	1958	250

Name	Grade	Year of first appointment	Present salary
	Rs.		Rs.
Dr. B. L. Nandi, Ph.D.	Honorary Lecturer		
„ A. Bose, Ph.D.	Do.		
„ P. N. Sengupta, D.Phil.	Do.		
Sri R. R. Pai, M.Sc.	Do.		
„ P. K. Sanyal, Ph.D.	Do.		
„ D. K. Ray, D.Phil.	Do.		
Sri B. K. Mukherjee, M.Sc.	Do.		

*Laboratory Staff*

Ghosh, Sri Sitalchandra ...	100-10-210-E.B.-10-300- Sp.E.B.15-330	1944	260
Ray, Sri Hemantakumar ...	Do.	1944	190
Das, Sri Nirodkumar ...	Do.	1923	220
Bhattacharyya, Sri Sureswar	70-4-110-E.B.-5-180	1953	74
Das, Sri Gopalchandra ...	Do.	1943	94
Das, Sri Panchulal ...	Do.	1945	106
Das, Sri Ratnakar ...	Do.	1957	74
Hath, Sri Kanailal ...	Do.	1932	140
Samanta, Sri Panchanan ...	Do.	1940	125
Sinha, Sri Ajaykumar ...	Do.	1957	74

*Bio-Chemistry*

Dr. J. G. Ghosh	250-25-500-E.B.-25-600	1957	350
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*Laboratory Staff*

Dasgupta, Sri Tamalkumar	100-10-210-E.B.-10-300- Sp. E.B.-15-330	1956	110
Roy, Sri Nripendrakumar	Do.	1956	110

*Applied Chemistry**(Expansion Scheme)*

Dr. S. C. Neogi, D.Sc.	500-50/2-700	939	700
„ S. C. Ry, D.Sc.	500-25-600	950	600
„ D. Lahiri, D.Sc.	Do.	1950	550
„ M. M. Chakravorty, D.Sc.	Do.	1945	550
Sri A. S. Bhaduri, M.Sc., M.S.	250-25-500-EB.-25-600	1952	440
Dr. S. Mukherjee, D.Sc.	Do.	1950	430
Sri A. Ghoshal, M.Sc. (Temp.)	Do.	1957	250
Dr. S. K. Bose, D.Sc.	Do.	1950	460
„ A. Saha, M.Sc., D.Phil.	Do.	1950	525
„ P. K. Chaudhuri, M.Sc., D.Phil. (on study leave).	Do.	1950	480
Sri Hemendranath Das- gupta,	160-10-330	1944	230

Name	Grade	Year of first appointment	Present salary
	Rs.		Rs.
<i>Laboratory Staff</i>			
Datta, Sri Debesh Ch. ..	100-10-210-E.B.-10-300- Sp. E.B.-15-330	1950	120
Das, Sri Nabakumar ..	Do.	1958	100
Mukherjee, Sri Ranjit ..	Do.	1952	110
Roy, Sri Kunalbhushan ..	Do.	1956	110
Sen, Sri Asiskumar ..	Do.	1956	120
Banerjee, Sri Sibsankar ..	70-4-110-E.B.-5-180	1954	125
Goswami, Sri Makhanlal ..	Do.	1950	102
Maitra, Sri Santoshkumar ..	Do.	1953	125
Niyogi, Sri Somenath ..	Do.	1957	70
Ray, Sri Debendrachandra ..	Do.	1951	135
Sen, Sri Asutosh ..	Do.	1952	130

## (2) APPLIED PHYSICS

Prof. A. K. Sengupta, D.Sc., 800-40-1,000-E.B.-50-1,250 (Ghose Professor).	1935	920
Sri H. N. Bose, M.Sc. ( <i>on leave</i> )	250-25-500-E.B.-25-600	1948 320
Dr. Karunes Bandyopadhyay, B.Sc. (Glasgow), D.Phil.	Do.	1950 330
Sri M. Dey, M.Sc. ...	Do.	1950 400
Sri S. R. Das, M.Sc. ( <i>on study leave</i> ). ...	Do.	1950 300
Sri L. M. Roy (in place of Sri H N Bose) ...	Do.	1955 350
Sri Rabindranath Bose (Temp.)	Do.	1958 300
Sri A. K. Ghosh, M.Sc. ...	Hony. Lecturer	1951
Sri B. N. Chaudhuri, M.Sc. ...		1951
Sri J. D. Gupta, M.Sc. ...		1951
Sri D. C. Roy, M.Sc. ...		
Sri D. D. sjumdar, M.Sc. ...		
Dr. M. Datta, D.Sc. ...		
Sri Bimalkumar Nath, M.Sc. ...	160-10-330	1951 180
<i>Laboratory Staff</i>		
Samanta, Sri Satyendranath	100-10-210-E.B.-10-300- Sp. E.B.-15-330	1926 190+30
Basu, Sri Samirkumar ...	Do.	1958 100
Ganguli, Sri Sailendranath	Do.	1950 120
De, Sri Ramchandra ...	70-4-110-E.B.-5-180	1955 74
Guchit, Sri Nityananda ...	Do.	1955 106
Goswami, Sri Bijaykrishna	Do.	1938 120
Gayen, Sri Nagendranath	Do.	1944 78
Mitra, Sri Sadhucharan ...	Do.	1950 102
Mandal, Sri Nilmani ...	Do.	1942 120
Nag, Sri Nitailal ...	Do.	1923 135+10
Nandi, Sri Kanailal ...	Do.	1945 120
Samanta, Sri Balaram ...	Do.	1941 130
Sarker, Sri Amulyacharan...	Do.	1928 130+6

Name	Grade	Year of first appointment	Present salary
	Rs.		Rs.
<i>Applied Physics</i>			
<i>(Expansion Scheme)</i>			
Sri D. B. Sinha, M.Sc. ...	500-25-600 -	1950	550
Dr. Girindranath Bhattacharyya, M.Sc.	Do.	1952	575
Sri Priyatosh Sen, M.Sc. ...	250-25-500-E.B.-25-600	1948	440
Sri M. N. Roy, M.Sc. ...	Do.	1951	475
Sri Samir K. Basu, M.Sc. (Temp.).	...	1953	300
Sri Srikrishnaprasad Bhattacharyya, D.Sc.	150-15-300	1950	330
Sri Gobindalal Dey, M.Sc.	Do.	1950	380
Sri Ajaykumar Sen, M.Sc.	Do.	1954	225
<i>Laboratory Staff</i>			
Guhathakurta, Sri Madhablal, B.Com.	100-10-210-E.B.-10-300-Sp.E.B.-15-330	1942	210
Kundu, Sri Indrakumar ...	Do.	1944	190
Chaudhuri, Sri Prabirchandra	70-4-110-E.B.-5-180	1952	78
<b>(3) RADIOPHYSICS AND ELECTRONICS</b>			
Dr. J. N. Bhar, D.Sc.	(Shown under Pure Physics)		
„ S. Deb, M.Sc.	500-50/2-700	1951	600
Sri A. Chaudhuri, M.Sc. (on study leave).	250-25-500-E.B.-25-600	1948	320
Dr. M. K. Dasgupta, M.Sc.	Do.	1954	400
„ M. S. Bose, M.Sc.	Do.	1954	300
Sri B. K. Bhattacharyya ...	Do.	1955	325
Sri B. R. Nag ...	250-25-500-E.B.-25-600	1956	300
„ S. K. Sen	Do.	1956	300
„ A. N. Daw	Do.	1956	275
„ D. N. Mukherjee, M.Sc.	Part-time Lecturer	1952	100
„ K. K. Bhattacharyya, M.Sc.	Honorary	...	...
„ A. K. Saha, M.Sc. ...	Do.	...	...
„ S. S. Baral, M.Sc.	Do.	1951	...
„ Asokkumar Sen	150-15-300	1954	195
<i>Laboratory Staff</i>			
Banerjee, Sri Ajitbhushan	100-10-210-E.B.-10-300-Sp. E.B.-15-330	1947	110
Bose, Sri Gourisankar ...	Do.	1954	110
Biswas, Sri Parashnath ...	Do.	1955	110
Burman, Sri Mukulchandra	Do.	1956	110
Chowdhuri, Sri Somes ...	Do.	1923	240

Name	Grade	Year of first appointment	Present salary
	Rs.		Rs
Das, Sri Mukundamadhab	100-10-210-E.B.-10-300- Sp. E.B.-15-330	1957	100
„ Sri Subodhkumar ...	Do	1955	110
De, Sri Ranjitekumar ...	Do.	1954	110
Maiti, Sri Sulochan ...	Do.	1958	130
Mitra, Sri Sadananda ...	Do.	1954	190
Roy, Sri Gopikamohan ...	Do.	1949	110
Saha, Sri Paritosh chandra	Do.	1955	110
Bose, Sri Satishchandra ...	70-4-110-E.B.-5-180	1949	94
Chakravarti, Sri Kalisadhan	Do.	1949	110
Das Sri Pareechandra ...	Do.	1954	110
Das, Sri Pramathanath ...	Do.	1956	110
Debnath, Sri Haridas ...	Do.	1956	74
De, Sri Dilipkumar ...	Do.	1955	74
Ghosh, Sri Sudhendukumar	Do.	1952	74
Goswami, Sri Anilkumar ...	Do.	1957	70
Ray, Sri Jugalkishore ...	Do.	1951	78
Ghosh, Sri Sitalchandra ...	Part-time	...	75(fixed)

## (4) University College of Science Office

## SECRETARY

Sri B. K. Mukherjee, M.Sc., A.R.T.C., 500-50/2-800 D.I.C.	1939	750
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## ASSISTANTS

Pathak, Sri Kalikrishna, B.A. (Superintendent)	250-15-400	1924	325
Acharyya Sri Sudhircandra, B.A.	130-10-210-E.B.-10-300- Sp E.B.-15-330.	1950	150
Bhattacharyya, Sri Jibankrishna, B.A.	Do.	1950	110
Bose, Sri Bibhutibhusan	Do.	1933	260+15
Chatterjee, Sri Priyatosh, B.A.	Do.	1941	170+20 Union +30 (Mess)
Majumdar, Sri Nityaranjan	Do.	1958	100
Rakshit, Sri Keshabchandra	Do.	1926	270+20 Union
Ray, Sri Santoshkumar, B.Com.	Do.	1938	190+30
Mukherjee, Sri Biswanath, B.Com.	Do.	1955	110
Dasgupta, Sri Nitip	70-4-110-E.B.-5-180	1943	102
Ray, Sri Ramendranath, B.A.	Do.	1956	70

## (5) Science College (General)

Mookerjee, Sri Bijankumar	100-10-210-E.B.-10-300- Sp.E.B.-15-330+18 T.T.	1944	210+18
Bhattacharyya, Sri Bimalakanta.	70-4-110-E.B.-5-180	1936	150
Kar, Sri Nilratan ..	Do.	1936	110+5



Name	Grade	Year of first appointment	Present salary
	Rs.		Rs.

#### IV. Viharilal College of Home Science including Domestic Science Training Department

##### *Teaching staff (Whole-time Lecturers)*

Miss J. P. Dasgupta, M.A., B.T., T.D. (Lond.), Reader Principal (Head of the Department).	500-25-800	1937	575
Miss Sovana Ghosh, M.A., B.T., M.Ed.	150-10-300	1944	170
Mrs. Bani Sen, B.A., Dip.-in- Home Science, Dip.-in-Teachers' Training in Home Science.	Do.	1947	200
Miss Gouri Sengupta, B.A., Dip.- in Domestic Science (Birmingham)	Do.	1953	170
Mrs. Mridula Datta, M.A. ...	200-20-400	1957	200
Mrs. Sunanda Ghosh, M.A., P.G.Cert. in Edn. (Lond.).	Do.	1957	200
Dr. (Miss) Narayani Basu, M.A., D.Phil.	Do.	1957	260
Miss Karabi Bhaduri, M.A. ...	Do.	1957	200
Miss Geeti Datta, B.A., Dip. in Fine Arts and Crafts.	Fixed	1957	200
Mrs. Purabi Bhaumik, Sangitvisarad	Part-time	1957	150
Miss Bharati Gupta, B.A., Dip. in Classical Music.	Do.	1957	150
Sri Tapendramohan Das, Dip. in Arts and Crafts and P.G.T.T. Certificate.	100-10-200	1958	160
Dr. J. N. De, M.B., D.P.H. ... (Cal.), D.T.M.H. (Lond.).	...	1948	120
Sri T. P. Biswas (Artist) ...	...	1951	90
„ M. K. Chakravarti, Dip.-in Textile Tech.	...	1944	70
„ P. N. Chobey, M.A. (Double) ...	...	1951	65
Dr. S. Mukherjee, D.Sc., P.R.S. ...	...	1955	65

##### *Teaching Staff (Demonstrators)*

Sri M. L. Barna	1957	50
Sri Harimohan Paul, Potter (Part-time).	1947	25

##### *Office Staff*

Chatterjee, Sri Aksaykumar, B.A.	100-10-210-E.B.-10-300- Sp.E.B.-15-330	1941	130
Das, Sri Santanukumar ...	70-4-110-E.B.-5-180	1952	70
Deb, Sri Gopalchandra ...	70-4-110	1958	70

Name	Grade	Year of first appointment	Present salary
	Rs.		Rs.
<b>Y. University College of Law</b>			
<i>Principal and Head of the Department of Law</i>			
Prof. P. N. Banerjee, M.A., B.L., LL.D., D.Litt., Barrister-at-Law, Vidya- vachaspati.	800-40-1,000- E.B.-50-1,250.	1919	1,250 + 250
Dr. B. N. Mukherjee, M.Sc. (Cal.), D.I.C., Ph.D. (Lond.), Barrister-at-Law, Vice-Princi- pal.	500-50/2-700	1937	700

*Professors*

Sri Anilchandra Ganguli, B.A., LL.B., Barrister-at-Law.	1946	250
Jansab Azizul Huq, M.A., LL.B., Barrister-at-Law (on leave).	1945	250
Sri Asokechandra Sen, M.A., LL.M.	1937	250
„ Ajitkumar Dhar, B.A., LL.B., Barrister-at-Law.	1953	250
„ Byomkes Basu, M.A., LL.B.	1937	250
„ Balailal Pal, M.A., LL.M.	1946	250
„ Bholanath Roy, M.A., LL.B.	1946	250
„ B. Basu, M.A., Barrister-at- Law.	1952	225
„ Bhupalchandra Raychaudhuri. M.A., LL.B.	1952	225
„ Dilipkumar Mitter, M.A., Barrister-at-Law.	1953	225
„ Guruprasad Ghosh, M.A., LL.B.	1953	225
„ Hemchandra Dhar, M.A., LL.B.	1950	225
„ Jaineswar Majumdar, M.A., LL.M.	1926	250
„ Kamjit Mookerjee, M.A., LL.B.	1953	225
„ Pratapchandra Chunder, M.A., LL.B.	1946	250
„ Prafullakumar Ray, M.A., LL.B.	1953	225
„ Ramendramohan Majumdar. M.Sc., LL.B.	1924	250

Name	Grade	Year of first appointment	Present salary
	Rs.		Rs.
Sri Sachindrakumar Ray, M.A., LL.B.	...	1958	225
„ Sadhanchandra Roychoudhuri, M.A., LL.B.	...	1937	250
„ Satyendranath Chatterjee, B.Sc., LL.B., Barrister-at-Law.	...	1958	225
„ Sunilkumar Mitra, M.A., LL.B.	...	1953	225
Janab Syed S. A. Masud, M.A., LL.B., Barrister-at-Law.	...	1945	250
Sri Dipakkumar Sen, B.A., Barrister-at-Law.	...	1953	225
„ Dhireschandra Chakravorti, M.A., LL.B.	...	1953	225
„ Rabindranath Sanyal, B.A., LL.B.	...	1953	225
„ Samarendranath Mukherjee, M.A., LL.B.	...	1953	225
„ Sudhindrakrishna Dutt, M.A. (Oxon.), Barrister-at-Law.	...	1955	225
„ Chittatosh Mookerjee, M.A. LL.B.	...	1955	225
„ Dhirendranath Gubathakurta, M.A. LL.B.	...	1955	225
„ Nirmalkumar Dey, M.A., LL.B., Barrister-at-Law.	...	1955	225
„ Amarendranarayan Bagchi, M.A., LL.B.	...	1955	225
„ Diptendramohan Ghosh, M.A., LL.B.	...	1955	225
„ Nirmalchandra Chaudhury, M.A. LL.B.	...	1955	225

*Office and Library Establishment*

Basu, Sri Mrityunjayprasad, B.A., LL.B., <i>Superintendent.</i>	250-15-400+50 allowance	1934	370+50
Dutta, Sri Kalkumar, B.A., LL.B., <i>Librarian.</i>	Do	1945	225
Mitra, Sri Debabrata, B.A., LL.B., <i>Asst. Librarian.</i>	100-10-210-E.B -10-800-Sp.-E.B.-15-380	1957	100

*Assistants*

Chakrabarty, Sri Bijanbehari	Do.	1919	225
Datta, Sri Arunkumar	Do.	1937	120
Do, Sri Chandrasekhar	Do.	1938	120

Name	Grade	Year of first appointment	Present salary
	Rs.		Rs.
Ghosh, Sri Harendranath	100-10-210-E.B.-10-300-Sp.E.B.-15-330	1925	270
Mitra, Sri Sribhushan	Do.	1919	300+25
Mukherjee, Sri Chandrakanta	Do.	1939	120
Ray, Sri Sibnath	Do.	1919	290+20
Roy, Sri Monotosh (Physical Instructor)	Do.	1946	180
Samaddar, Sri Anathbandhu	Do.	1937	120
Banerjee, Sri Somendranath	70-4-110-E.B.-5-180	1957	70
Ray, Sri Amitkumar	Do.	1957	70

## VI. Departmental Office

### 1. Audit and Accounts Department

#### AUDIT AND ACCOUNTS OFFICER

Grade—250-25-500

Sri Bhupendranath Ghosh, B.Com., G.D.A	1954	475
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#### SUPERINTENDENT AND ACCOUNTANT

Grade—250-10-400

Majumdar, Sri Punyabrata, M.A. (Com.)	1956	270
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#### ASSISTANTS

Grade—100-10-210-E.B.-10-300-Sp.E.B.-15-330

Banerjee, Sri Jogeshchandra	...	1942	110
Bhattacharyya, Sri Nirmalkumar, B.Com.	...	1948	140
Bose, Sri Amalkumar	...	1935	240
Bose, Sri Lal Mohan, B.A.	...	1946	140
Chakrabarti, Sri Radhasyam, M.A., M.Com.	...	1947	140
Chatterjee, Sri Sudhirkumar	...	1928	260
Dasgupta, Sri Chittaranjan, M.A. (Com.)	...	1954	100
Dutta, Sri Debidas, B.Com.	...	1952	230
Haldar, Sri Harendrakrishna, B.A.	...	1931	260
Maitra, Sri Sudhirkumar, B.Sc.	...	1927	290
Majumdar, Sri Kalyankumar, B.Com.	...	1936	210
Raychowdhury, Sri Bholanath, B.Com....	...	1952	260

Grade—70-4-110-E.B.-5-180

Banerjee, Sri Hirendranath, B.Com.	...	1953	86
Bose, Sri Sudhirschandra, B.Com.	...	1955	82
Datta, Sri Manishchandra, B.Sc.	...	1956	74
De, Sri Ajitkumar, B.Com.	...	1956	82
Dutt, Sri Biswanath, B.Com.	...	1953	86
Dutt, Sri Aswinikumar	...	1943	109

Name	Grade	Year of first appointment	Present salary
	Rs.		Rs.
Grade—70-4 110-E.B.-5-180			
Dutt, Sri Lalmanik	...	1947	94
Ghosh, Sri Dulalchandra, B.Com.	...	1955	82
Ghosh, Sri Haridas, B.Com.	...	1953	86
Ghosh, Sri Asokekumar	...	1956	70
Ghoshal, Sri Sunilkumar	...	1954	74
Mitra, Sri Gopinath, B.Com.	...	1955	82
Mitra, Sri Syamalendu	...	1957	70
Palodhi, Sri Ramgati	...	1927	135
Roy, Sri Senatkumar, B.Com.	...	1955	82
Sanyal, Sri Nirmalya, B.Com.	...	1953	86
Sen, Sri Ajitkumar, B.Com.	...	1954	86

*Internal Auditor*

Grade—250-10-400

Roy, Sri Radhashyam B.Com., A.C.A. (Internal Auditor).	1956	260
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*Audit Assistant*

Grade—100-10-210-E.B.-10-300-Sp.E.B.-15-330

Roy, Sri Babhindranath, B.Com. ...	1953	110
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## 2. Appointment and Information Board and Students' Advisory Bureau (Overseas),

Raychaudhuri, Sri Mahimamukul, B.Com. fixed	1956	590
D.S.Sc. (Glas.), D.V.G., (Lond.), M.B.I.M. (Eng.), M.N.I.I.P. (Lond.), Secretary.		

*Assistants*

Grade—100-10-210-E.B.-10-300-Sp.E.B.-15-330

Chatterjee, Sri Parashchandra	Do.	1926	270
Ghosh, Sri Jeaneswar, B.A.	Do.	1939	190
Ray, Sri Nitalchandra	70-4-110-E.B.-5-180	1953	74
Datta, Sri Anilkumar	fixed	1956	55

## 3. Asutosh Museum

Sri Debprasad Ghosh, M.A. 500-50/2-700 (Curator).	+75 (C.A.).	1937	700+75 (C.A.)
Sri Kunjagovinda Goswami, M.A., Excavation Officer.		1938	Honorary

Name	Grade	Year of first appointment	Present salary
	Rs.		Rs.
Dr. Kalyankumar Ganguli, M.A. D.Phil			Honorary
Sri Paresb Ch. Dasgupta, M.A. (Asst. Curator),	100-10-210-E.B.-10-300- Sp.E.B.-15-330.	1955	240
Dr. Minendranath Basu, M.Sc., D.Phil., Chemist-in-charge.	...	1940	Allowance of Rs. 600 annually.

*Office*

Basu, Sri Athindranath, B.Com.	100-10-210-E.B.-10-300- Sp.E.B.-15-330.	1952	220
Nath, Sri Jitendranath	... 70-4-110-E.B.-5-180	1922	115
Pal, Sri Prankrishna	... Do.	1940	112
Sarkar, Sri Krishnachandra	... Do.	1940	180

**4. Board of Health Department**

Sri A. N. Chatterji, M.B.B.S., Medical Adviser and Secretary, Board of Health, Second from 1st October, 1957.	1920	300+125 C.A.
Sri A. L. Ray, M.B., D.P.H., D.I.H. Whole-time Officer from 24th April, 1958.	Salary paid by the Govt.	

*Medical Examiners*

Sri Gopalchandra Sen, M.B.B.S., D.O.M.S., After-care Officer.	1950	125
Lt.-Col. B. P. Sur, M.B.B.S. (Cal.), ... M.R.C.P., M.R.C.S. (Eng.), L.R.C.P. (Lond.), After-care Officer.	1932	125
Sri A. C. Roy, M.B.B.S.	... 1933	100
Sri S. P. Chakravorti, M.B.B.S., died on 17th March, 1958,	... 1937	100
Sri Dwijendranath Guha, M.B., D.O.M.S.	1955	100
Capt. R. N. Banerjee, M.B.B.S.	... 1955	100

*Lady Medical Examiner*

Sm. Indurekha Roy, M.B.B.S.	1951	100
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*Office Staff*

	100-10-210-E.B.-10- 300-Sp.F.B.-15-330.		
Chatterjee, Sri Sailendranath, B.A.	Do.	1923	270

Name	Grade	Year of first appointment	Present salary
	Rs.		Rs.
Chakravorti, Sri Provaschandra, 100-10-210-E.B.-10-300-B.Sc.	Sp. E.B.-15-330	1938	260
Pal, Sri Amulyacharan (Typist and General Asstt.).	Do.	1938	260
Mukherjee Sri Mritunjay B.Com. (Temp.)		1958	55
Raykaiwakar, Sri Durgaprasad	"	1958	55

### 5. Calcutta Review Office

Sri Tripurari Chakrabarti, M.A., <i>Secretary</i>	1955	150
Sri Biswajendu Koyal, M.A., <i>Manager</i>	1955	115

Grade—100 10-210-E.B.-10-330-Sp.E.B.-15-330

Banerjee, Sri Mahimaranjan ...	...	1923	270
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Grade—70-4-110-E.B.-5-180

Chatterjee, Sri Dinanath		1934	106
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### 6. Calcutta University Press

Sri Sibendranath Kanjilal, B.Sc., Dip.in Print. (Manchester), <i>Superintendent</i> .	200-10-300-15-450	1937	450+100 Confidential Allowance
Sri Ramkrishna Chakravarty, M.A., <i>Asst. Superintendent</i> (Publication).	200-10-350	1927	330
" Kamalkumar Ghosh, M.A., <i>Assistant Superintendent</i> (W. & P.), Temporary.	Do.	1952	210
Guha, Sri Dhirendrakumar, B.A. ( <i>Overseer</i> ).	100-10-210-E.B.-10-300-Sp.E.B.-15-330	1924	330
Bhattacharya, Sri Asutosh, B.A. (Temp.)	Do.	1953	200

### Assistants

100-10-210-E.B.-10-300-Sp.E.B.-15-330

Banerjee, Sri Kalidas, B.A., LL.B.	Do.	1926	270
Banerjee, Sri Sachindralal, B.Com.	Do.	1939	200
Bhattacharyya, Sri Binaykrishna	Do.	1923	250
Bhattacharyya, Sri Nalinikanta, B.A.	Do.	1953	110
Bhattacharyya, Sri Niranjan, B.Com.	Do.	1953	140
Das, Sri Jyotirmay, B.Com.	Do.	1945	120
Dutt, Sri Harishchandra	Do.	1925	270
Dutt, Sri Jogendranath	Do.	1925	270+15 Allowance

Name	Grade	Year of first appointment.	Present salary.
	Rs		Rs.
100-10-210-E.B.-10 800-8p E.B.-15-830			
Guin, Sri Manimohan, B.A. ...	Do.	1950	140
Gupta, Sri Sureschandra ...	Do.	1932	240
Mookerjee, Sri Kaliprasanna ...	Do.	1932	270
Mookerjee, Sri Kamalkumar ...	Do.	1939	180+25- Allowance
Mukherjee, Sri Taradas ...	Do.	1941	170
Nag, Sri Nityananda, B.Com.	Do.	1939	170
Pal, Sri Arabinda, M.A. ...	Do.	1936	190
Roy, Sri Pratapchandra ...	Do.	1929	250+15 Allowance
Sadhu, Sri Umapada ...	Do.	1924	270
Banerjee, Sri Anilkumar ...	70-4-110-E.B.-5-180	1936	115
Banerjee, Sri Bibhutibhusan ...	Do.	1934	140
Banerjee, Sri Sailendranath, B.Sc.	Do.	1953	66
Bera, Sri Kalikrishna ...	Do.	1941	98
Bose, Sri Rabindranath ...	Do.	1946	115
Chakrabarti, Sri Sachindrakumar	Do.	1947	82
Chakrabarti, Sri Ramkrishna	Do.	1936	130
Das, Sri Amiyasprasad	Do.	1955	74
Ghosh, Sri Pinski, B.Sc.	Do.	1953	86
Ghosh, Sri Debiprasad, M.A. (Com.)	Do.	1950	90
Roy, Sri Ajayendu ...	Do.	1946	106
<i>Lino Operators</i>			
Chatterjee, Sri Prabhatkumar ...	125-4-205-5-225	1945	173+20
Gomes, B. J. ...	Do.	1952	145
Mukherjee, Sri Bishnupada ...	Do.	1933	157
Mullick, Sri Dhruba ...	Do.	1951	129
Roy, Sri Sachindramohan ...	Do.	1950	129
<i>Mono Operators</i>			
Bhattacharyya, Sri Dibakar ...	125-4-205-5-225	1950	129
Goswami, Sri Prabodhchandra	Do.	1951	177
Nair, Sri Sukdev ...	Do.	1949	129

### 7. Central Library Department

Sri Pramilechandra Bose, B.A. 200-20-500-25-600	1935	600
(Hons.), Dip. Lib. (B.L.A.), Librarian.		
Subodhkumar Mukherjee, 150-15-360-20-400	1938	400
M.A., LL.B., Dip. Lib. (Imperial Library, Calcutta), Deputy Librarian.		



Name	Grade	Year of first appointment.	Present salary.
	Rs.		Rs.
Sri Sibsankar Mitra, M.A., LL.B., Cert. in Librarianship (B.L.A.). Assistant Librarian.	200-10-300	1951	230
„ Susanta Sengupta, M.A., Dip.Lib. (Calcutta), Assistant Librarian.	„	1955	210
Banerjee, Sri Arunoday	... 100-10-210-E.B.- 10-300-Sp.E.B.-15-330.	1921	260
Banerjee, Sri Asimchandra, B.A., Dip. Lib. (Calcutta University.)	„	1939	190
Banerjee, Sri Baidyanath, Cert. in Lib. (B.L.A.) & Archives keeping—Govt. of India.	„	1935	150
Biswas, Sri Subhaschandra	„	1958	100
Chakraborty, Sri Chittaranjan, B.A., Lib. Training Certifi- cate, (B.L.A.), Dip.Lib. (Cal. Uni.).	„	1938	210+25 Allowance for Diploma Course.
Deb, Sri Amalendukumar, Lib. Training Certificate, (B.L.A.).	100-10-210-E.B.-10- 300-Sp.E.B.-15-330.	1947	190
Halder, Sri Prodyotkumar, B.A.	„	1925	270
Mukherjee, Sri Rajkumar, M.A., Dip.Lib. (Imperial Library, Calcutta).	„	1946	250
Pramanik, Sri Surathkumar, B.Com., Lib. Training Certificate (B.L.A.), Dip.Lib. (Cal. Uni.).	„	1937	200
Boy, Sri Manujendrakumar, B.A., Lib. Training Certifi- cate (B.L.A.). Dip.Lib. (Cal. Uni.).	„	1945	220
Roychoudhury, Sri Kasiprosad, Lib. Training Certificate (B.L.A.).	„	1919	280+20 allowance
Banerjee, Sri Kumarendra, Lib. Training (B.L.A.).	70-4-110-E.B.-5-180	1948	82
Banerjee, Sri Nilambar	... „	1933	106
Banerjee, Sri Pannalal, Lib. Training (B.L.A.).	„	1947	94

Name	Grade	Year of first appointment	Present salary
	Rs.		Rs.
Bhattacharyya, Sri Saktipada ...	70-4-110-E.B.-5-180	1924	125
Bhattacharyya, Sri Sudhirkumar	"	1944	94
Chatterjee, Sri Sourendranath	"	1948	90
Das, Sri Nitaichandra ...	"	1936	106
De, Sri Debendranath ...	"	1918	130
Dutta, Sri Tarinikanta, Lib. Training Certificate (B.L.A.).	"	1936	130
Ghose, Sri Phanibhushan ..	"	1921	130
Ghose, Sri Sambhunath ...	"	1927	120
Maity, Sri Dharanidhar ...	"	1930	98
Mukherjee, Sri Ramapati ...	"	1936	106
Nasir Ahmed Khan ...	"	1952	102
Nath, Sri Shyamsundar ...	"	1950	83
Singh, Sri Mathuraprasad ...	"	1939	106
Sett, Sri Nareschandra (Temporary)		1956	78
Bhattacharyya, Sri Santipada (fixed)		1957	150
Roy, Sri Syamananda ..		1957	150
Chakraborty, Sri Ajoykumar (Temp.)		1957	55
Kar, Sri Mrigendramohan ..		1957	55
Mukherjee Sri Tejomay ..		1957	55
Sanyal Sri Niranjana ..		1957	55

### 8. Controller's Department

#### CONTROLLER OF EXAMINATIONS

Grade—Rs. 750-50/2-1,000

Dr. Nareschandra Ray, M.A., Ph.D.	1937	950
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#### DEPUTY CONTROLLER OF EXAMINATIONS

Grade—Rs. 500-50/2-700

Sri Arunkumar Roy, M.Sc.	...	1951	600
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#### ASSISTANT CONTROLLER

Grade—Rs. 250-25-500

Sri Bejaybhushan Banerjee, M.A., D. Phil.	1955	425
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#### SUPERINTENDENT

Grade—Rs. 250-15-400

Banerjee, Sri Debaprasad, B.A.	...	1937	265
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Name	Grade	Year of first appointment	Present salary
	Rs.		Rs.
ASSISTANTS			
Grade—100-10-210-E.B.-10-300-Sp.E.B.-15-330.			
Janab Abdur Rezak, B.A.	...	1912	170
Acharyya, Sri Bijankumar, M.A.	...	1941	270
Banerjee, Sri Bindukumar, B.Sc.	...	1916	140
Banerjee, Sri Niharranjan	...	1931	270
Banerjee, Sri Manmohan	...	1913	230
Banerjee, Sri Nandadulal, B.A.	...	1941	230
Basak, Sri Sachinandan, B.Sc.	...	1915	240
Basu, Sri Santikumar, B.Sc.	...	1945	213
Bhattacharyya, Sri Prabodhchandra, M.A.	...	1946	140
Bhowmick, Sri Debeschandra, B.	...	1952	110
Biswas, Sri Sorojanjan	...	1937	180
Chakrabarty, Sri Haripada, M.A.	...	1944	170
Chatterjee, Sri Bijankumar, B.A.	...	1941	160
Chaudhuri, Sri Raghunath, B.Com.	...	1952	110
Chaudhuri, Sri Mihirprasan, B.Com.	...	1952	110
Chaudhuri, Sri Sureshchandra, B.A.	...	1947	100
Dasgupta, Sri Hariranjana, B.A.	...	1916	170
Datta, Sri Tejendralal, B.A.	...	1946	140
Ghosh, Sri Bagalapada	...	1926	270
Maitra, Sri Nemsichandra, B.A.	...	1947	140
Maulick, Sri Hrishikesh, M.A.	...	1915	170
Mitra, Sri Dwijendranath, B.A.	...	1939	210
Mookerjee, Sri Kalidas	...	1938	130
Mookerjee, Sri Manoranjan	...	1936	220
Mookerjee, Sri Prabhaakumar	...	1938	190
Mookerjee, Sri Prabhatkumar	...	1939	150
Mookerjee, Sri Prabhatchandra, M.Sc....	...	1951	110
Mukherjee, Sri Binayendu, B.A.	...	1952	130
Pal, Sri Ajitkumar	...	1939	150
Raichaudhuri, Sri Mohitkumar, B.Sc.	...	1946	110
Rakshit, Sri Barindrakumar, B.A.	...	1945	230
Ray, Sri Akshaymohan, B.A.	...	1948	160
Roy, Sri Amarendranath, B.A.	...	1945	140
Roychaudhuri, Sri Dilipkumar, B.A.	...	1944	160
Roychaudhuri, Sri Jitendrakumar, B.A.	...	1944	140
Sarkar, Sri Anupam, B.A.	...	1952	110
Sen, Sri Sailendranarayan, B.Sc.	...	1954	240
Sengupta, Sri Aparnadas, M.A.	...	1942	220
Sinha, Sri Hrishikesh, B.A.	...	1947	20

## Grade—70-4-110-E.B.-5-120

Banerjee, Sri Biswanath	...	1956	
Banerjee, Sri Bimalkumar	...	1946	30
Banerjee, Sri Debaprasad, II	...	1947	34
Banerjee, Sri Iswarprasad	...	1942	38
Banerjee, Sri Kantakusuma	...		

Name	Grade	Year of first appoint'ment	Present salary
	Rs.		Rs.
Chakrabarti, Sri Anilkumar	...	1956	74
Chaki, Sri Pradipkanti, B.Com.	...	1953	86
Chatterjee, Sri Kalinath, B.A.	...	1954	86
Chatterjee, Sri Ramaprasad, B.Sc.	...	1954	82
Chatterjee, Sri Sambhunath	...	1946	90
Chaudhuri, Sri Chittaranjan	...	1946	82
Chaudhuri, Sri Sudhirschandra	...	1947	82
Chaudhuri, Sri Anilkumar	...	1956	74
Ganguli, Sri Rashbehari, B.A.	...	1951	94
Ganguli, Sri Jitendranath	...	1956	74
Ghosh, Sri Kartickchandra	...	1937	106+6 P.A.
Ghosh Ray, Sri Bipulchandra, B.Com.	...	1937	70
Mukherjee, Sri Abhaynarada, M.A.	...	1952	86
Mukherjee, Sri Manabendranath	...	1956	70
Mukherjee, Sri Somnath II	...	1956	70
Mookerjee, Sri Sitanath	...	1956	74
Nath, Sri Chandrakanta, B.A.	...	1953	86
Raychaudhuri, Sri Sukumar	...	1952	78
Sen, Sri Dilipkumar	...	1956	70
Sen, Sri Sunilkrisbna, B.A.	...	1952	86
Sinharay, Sri Chandrakanta	...	1954	92

### 9. Engineering Establishment

#### ENGINEER

Grade—500- $\frac{1}{2}$ -800+160 Car Allow.

Sri Sisirkumar Raychaudhuri, B.E., C.E., A M.I.E. (Ind.).	1952	650+150 C A
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Grade—100-10-210-E.B.-10-300-Sp.E.B. 15-330

Bose, Sri Hirendranath (Temp.)	...	1956	200
Bose, Sri Matilal (Draftsman)	...	1953	190
Goswami, Sri Sudhirschandra (Overseer)	...	1950	260

Grade—70-4-110-E.B.-5-180

Das, Sri Dhananjay (Temporary)	...	1956	74
Mandal, Sri Tarikumar	...	1958	70
Niyogi, Sri Anantakumar (Electrician)	...	1952	110

### 10. Inspector of Colleges' Office

Grade—700- $\frac{1}{2}$ -1,000

Dr. Amarprasad Dasgupta, M.A., Ph.D., Inspector of Colleges	...	1930	1,000
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100-10-210-E.B.-10-300-Sp.E.B.-75-330

Chatterjee, Sri Chunilal, M.A.	...	1937	330
Bhattacharyya, Sri Birendra Ch., B.A.	...	1937	240

Name	Grade	Year of first appointment	Present salary
	Rs.		Rs
<b>11. Inspectorate of Hostels and Messes Staff</b>			
Mrs. Nirjala Sinha, M.A., Inspectress of Hostels and Halls.	250-15-400	1952	340 + 100 C.A.
Banerjee, Sri Kshetradas	100-10-210-E.B.-10-300- Sp.E.B.-10-330	1924	270
Chakrabarti, Sri Nagendranath	70-4-110-E.B.-5-180	1938	120
<b>12. Registrar's Department</b>			
REGISTRAR			
Grade—800-50-1000			
Dr. Dukkhaharan Chakravarti, D.Sc., F.N.I.		1934	1,000
ASST. REGISTRAR			
GRADE—250-25-500			
Sri Jogeshchandra Mukherjee, B.A., B.T.		1945	350
ESTATE OFFICER			
Grade—250-25-500			
Sri Jagadiswar Pal, M.A., LL.B.	...	1957	275
Sri Sudhindrkrishna Dutta, M.A. (Oxon.), Barrister-at-Law. Part time Law Officer		1939	350
OFFICE SUPERINTENDENT			
Grade—250-15-400			
Bhattacharyya, Sri Asutosh, B.A.	...	1921	355
P.A. to Vice-Chancellor			
Dutta, Sri Nalinichandra, B.A.	...	1954	300
ASSISTANTS			
Grade—100-10-210-E.B.-10-300-Sp.E.B.-15-330			
Bagchi, Sri Dwijendranath	...	1934	240
Banerjee, Sri Debiprasad, B.Sc.	...	1938	270
Banerjee, Sri Kshititosh, B.Com.	...	1952	240

Name	Grade	Year of first appointment	Present salary
	Rs.		Rs.
Banerjee, Sri Prafullachandra	...	1931	220
Basuchaudhuri, Sri Nimalendu	...	1947	130
Bera, Sri Kamalkrishna	...	1937	180
Bhattacharyya, Sri Brajendrachandra, M.A.	...	1940	150
Bhattacharyya, Sri Chintaharan	...	1950	120
Bhattacharyya, Sri Umapada	...	1937	120
Bhowmik, Sri Mohinimohan	...	1939	180
Biswas, Sri Upendranath, B.A., B.T.	...	1915	250
Bose, Sri Nripendranath, B.Sc.	...	1945	250
Bose, Sri Paroschandra	...	1924	270
Chakrabarti, Sri Brajendraprasanna, M.A.	...	1939	220
Chakrabarti, Sri Sunilchandra, M.A. (Double).	...	1944	250
Chatterjee, Sri Prafullakumar, B.Com.	...	1911	100
Chatterjee, Sri Amalchandra	...	1936	100
Chaudhuri, Sri Janakinath	...	1914	100
Chaudhuri, Sri Pranabkumar	...	1945	110
Das, Sri Dhirendrachandra	...	1937	120
Das, Sri Durlavchandra, B.A.	...	1928	260
Datta, Sri Jatindrachandra, B.A.	...	1934	330 + 10 P.A.
De, Sri Pareschandra, M.A. (on leave)	...	1915	170
De, Sri Sasankamohan, B.Com.	...	1913	110
De, Sri Kumudsankar, B.Com.	...	1915	110
De, Sri Taritkumar, B.A.	...	1952	110
Ghatak, Sri Amulyachandra	...	1951	260
Ghatak, Sri Biswanath, B.Sc.	...	1952	110
Ghosh, Sri Birendranath	...	1925	290
Ghosh, Sri Sachhidananda, B.Sc.	...	1952	110
Goswami, Sri Prafullachandra	...	1928	260
Goswami, Sri Amulyachandra, B.A.	...	1946	270
Gubathakurta, Sri Sisirkumar	...	1911	110
Maiti, Sri Amulyacharan	...	1914	120
Maitra, Sri Haripada	...	1946	120
Majumdar, Sri Saileshchandra, B.A.	...	1940	170
Mitra, Sri Ajitkumar, M.A., LL.B.	...	1941	230
Mookerjee, Sri Niladrinath	...	1915	120
Mukherjee, Sri Bijalimohan, M.A., LL.B.	...	1937	330
Mukherjee, Sri Joydev, B.Com.	...	1952	110
Pengupta, Sri Harskali, B.Sc.	...	1915	260
Sil, Sri Narayanachandra	...	1956	120
Sukul, Sri Nirmalkanti, B.A.	...	1946	140

## Grade—70-4-110-E.B.-5-180

Banerjee, Sri Ajitkumar, B.Sc.	...	1955	82
Banerjee, Sri Sachindranath, B.A., LL.B.	...	1954	86
Banerjee, Sri Satyananda	...	1955	71
Basak, Sri Bidyutkumar	...	1952	76

Name	Grade	Date of first appointment	Present salary
	Rs		Rs.
Bhattacharyya, Sri Binuakumar	...	1956	79
Bose, Sri Amarendrakumar	...	1944	98
Bose, Sri Jnanendranarayan	...	1944	94
Bose, Sri Kalosashi	...	1956	74
Bose, Sri Subodhchandra, B.A.	...	1953	86
Chakravorti, Sri Himansunarayan	...	1954	82
Chatterjee, Sri Bimalchandra	...	1946	94
Chatterjee, Sri Kalisankar	...	1955	74
Chatterjee, Sri Prabodhkumar	...	1945	94
Chatterjee, Sri Nirmalkumar, B.Sc.	...	1956	74
Chatterjee, Sri Dilipkumar, M.A.	...	1955	82
Das, Sri Bibhutibhusan	...	1945	102
Das, Sri Parimalkanti	...	1957	70
Dasgupta, Sri Pratip	...	1944	98
Dasgupta, Sri Sunilkumar	...	1952	74
Datta, Sri Phanindrachandra, M.A.	...	1952	86
De, Sri Panchugopal (Tel. Operator)	...	1952	170
De, Sri Santoshkumar	...	1953	74
Deb, Sri Pradyotkumar	...	1955	78
Garguli, Sri Pradyotkumar, B.A.	...	1952	94
Ghosh, Sri Kiranmay, B.A.	...	1952	86
Ghosh, Sri Haridas	...	1952	82
Ghosh, Sri Jnanananda	...	1948	94
Ghosh, Sri Niharkumar	...	1942	94
Ghosh, Sri Phanibhushan	...	1943	98
Ghosh, Sri Radhaballav	...	1937	102
Ghosh, Sri Bhabananda	...	1956	70
Ghosh, Sri Dilipkumar	...	1956	70
Ghosh, Sri Surendrakumar	...	1946	102
Goswami, Sri Keshirodebehari	...	1945	94
Goswami, Sri Gaurisankar, B.Com.	...	1952	86
Majumdar, Sri Jyotishchandra, M.A., B.L.	...	1955	82
Mitra, Sri Debkumar, B.Sc.	...	1956	74
Mukherjee, Sri Somenath, I	...	1956	70
Nath, Sri Nalinikanta	...	1940	98+5 Allow.
Pal, Sri Jatindranath	...	1952	78
Pati, Sri Nukulchandra	...	1939	140
Raychaudhuri, Sri Asokkumar	...	1955	74
Raychaudhuri, Sri Jnanendrachandra, B.A.	...	1952	86
Roy, Sri Ardhendubikas	...	1945	94
Roy, Sri Purnendubikas	...	1944	74
Ray, Sri Bimanchandra, B.Sc.	...	1955	74
Roy, Sri Souransu	...	1956	74
Sengupta, Sri Bibhutibhusan, B.Com.	...	1953	86

## STENOGRAPHERS AND REPORTERS

Grade—100-10-210-E.B.-10-300-Sp.-F.B.-15-330

Sinha, Sri Ajitkumar	1925	330
Bhattacharyya, Sri Haripada, B.A.	1954	270

Name	Grade	Year of first appointment	Present salary
	Rs.		Rs.
<b>CARETAKER</b>			
Grade—100-10-210-E.B.-10-300-Sp.-E.B.-15-330			
Mukhoty, Sri Hiralal, B.A.	...	1936	240
<b>13. Post-Graduate Medical Studies</b>			
Grade—500-50/2-800			
Beharjee, Sri Prabhatkumar, M.Sc., M.B.B.S., Secretary.		1956	650
Grade—70-4-110-E B.-5-180			
Sengupta, Sri Asishkumar, Assistant		1957	70
Bhattacharyya, Sri Manoranjan (Temp.)		1957	55
Bhattacharyya, Sri Debatosh	„	1958	55
<b>14. Sports Board</b>			
Sri D. K. Chowdhury, B.Sc., 200-10-350 Jt. Secretary.		1951	310 + 30- C.A.
Sadhu, Sri Biswanath 70-4-110-E.-B.-5-180		1957	70





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